ABSTRACT

This new structural and original invention in the area of consumer electronics is the latest in auto or car dubbing electronics that uses satellite and software technology. The system has sensors, scanners, and detectors that enable the unit to feature and dub new musical release, live musical and entertainment awards, internet, fax, audio/video, on line banking and trading, a commercial/distortion free (DSP) technology.

The disclosed functional features of the system are wired, configured, and mounted in a vehicle's stereo compartment with electrical connection to the antenna that has a satellite, radio, and television receptacles for broadcasts and interruption detection for quality dubbing and better quality tape and disc.

The electronic system has a complete computer circuitry, super sensor, and motherboard chip with functional option parts and accessory modulator. The electronic command control with wireless functions software controls the unit's features and allows it to identify digital signals, read selections, and dub all functions offered by this invention product. The new car dubbing system is fully compatible with any computer with CD-ROM, CD-Player disc. The unit also comes with an optional dual purpose disc with boot up, internet browser, and microprocessors. The audio/video dual purpose disc could also be used to format blank discs and create files for heavy users of the internet. This is the utility CD-ROM software disc that provides back up for the system in case of an emergency. The software is to be marketed under a separate license agreed upon by the software developer of the product.

The system has a Reserve Logic Dubbing CPU that enables it to play and record in a single or unitary cassette and disc deck mounted in the vehicle's stereo compartment. This invention offers the first and only single deck recording and playback capability. In order to further distinguish this invention from other consumer electronics and car recording systems, the new system has a retractable assembly mechanism and impact resistant outer shell.

The built in digital/analog clock do not only tell time, but sounds using factory preset audible or the user's audible sound selection that alerts the motorist when the camera eye senses fatigue in the motorist. The unit works with or without the satellite. The consumer has the choice of selection of satellite or wireless function. The product invention also comes in four models designed to provide consumer choices.

Because this product invention is user friendly, the inventor had added a peripheral that has the executive, motorist, and the consumer's family in mind. The System's monitor screen and peripheral allow the user to see live and prerecorded events, play games, write/draw and clear screen.

7 main functional claims, 17 dependent claims with 21 drawings in illustrations, figures, and diagrams.

UTLITY PATENT SPECIFICATION

in the United States Patent and Trademark Office

Utility Patent Application

Specification

Be it known that I, PHILLIP IGBINADOLOR, HAVE INVENTED a new, original, structural components, and utility functions for a CAR AUDIO/VIDEO DUBBING SYSTEM, of which the following is a specification, reference, drawings, illustrations, and figures forming a part hereof.

FIGURE 1 and DIAGRAM 1 are the front plan view of the INTEGRATED CAR DUBBING SYSTEM of the present invention;

FIGURE 2 is the CD and UF coding/special panel keys of the CAR DUBBING SYSTEM of FIGURE 1 and DIAGRAM 1(a); FIGURE 2(a) is the plan view of the PRODUCT and COMPANY LOGO of FIGURE 1 and DIAGRAM 1;

FIGURE 3 is the AUTO SCREEN plan view of the CAR DUBBING SYSTEM of FIGURE 1and DIAGRAM 1;

FIGURE 4 and DIAGRAM 6 are the MANUAL SCREEN plan view of the CAR DUBBING SYSTEM of FIGURE 1 and DIAGRAM 1;

FIGURE 5 is the TOP BOARDER view of the CAR DUBBING SYSTEM of FIGURE 1 and DIAGRAM 1;

FIGURE 6 is the STYLUS and STYLUS HOLDER , and the ICDS-PERIPHERAL plan view of the CAR DUBBING SYSTEM of FIGURE 1 and DIAGRAM 1;

DIAGRAM 1 is the plan view of how the different components and utility functions are integrated with Unit's Logic, CPU, Circuitry, Super Sensor, and Memory and

Assigned Memory spaces of FIGURE 1 DIAGRAM 2 is the Unit's CSISX model chip with computer control command showing single tape/CD recording and playback with commercial and distortion free dubbing capability

DIAGRAM 3 shows how the INTEGRATED CAR DUBBING SYSTEM is manufactured and the way it works using satellite and wireless technology, sensors, scanners, detectors, and computer software programming for purpose of integrating the components for dubbing and playback on a unitary tape and CD deck being driven by an application software. The original map out diagram on an unusual paper size has to be included in submitting this utility patent application because it adds to the clarity and practical understanding of the manufacturing process and the use of this product invention. The diagram helps to explain how the product can quickly go to the manufacturing drawing board for a serious consideration of production. The research aspect of a product R&D had being added to this product invention.

The In House Command and Control Team writes the application software programs for the different sensors, detectors, and the features' functional software programming. This team also writes software programs that down load digital signals from the satellite dishes. The Technical Support Team designs satellite, maintains, and supports software engineering of FIGURE 1 and DIAGRAM 1 of this present invention.

FIGURE 4 of page ( ) shows the seven main features and functions using software down loading technology from satellite and or software programming of the features and functions in wireless technology. The technology allows the system to operates all features either on wireless or satellite mode. The satellite and wireless (SL-W) button allows the consumer choice of entertainment pleasure with the tools to be creative on a

mobile electronics. The SL-W button mode does not affect the recording and playback features. Any key press access the functional feature of that sensor and does what you want. The dubbing CPU automatically dub musical/entertainment and new musical release based on the list of recording artists, companies, bill boards, and awards etc. All dubbing are done without distortion and commercial breaks on air wave, satellite, and t.v. broadcasting. The memory and assigned memory spaces enable the consumer to make a clear audio and video cope on to a tape and CD. The ability of the consumer to play and record a prerecorded media from a unitary tape and CD ROM medium makes this product invention the most versatile technology in the twenty-first century. The Reserve Logic invention as envisioned solves the problem of dual tape decks recording,

FIGURE 5 of page ( ) shows the internal reserve logic dubbing central processing unit with built in mini and micro processors for recording of each of the seven structural components which depicts the recording memory space. The memory space is designed to store prerecorded music or any digital information played while the record button is on. When a blank media is inserted into the tape or CD deck, it automatically records the stored data or music onto the media. However, the medium will reject a media when it senses a prerecorded media met for playback. This logic software program helps protect a prerecorded media that is inadvertently inserted for playback rather than to record. The assigned memory space is designed to store the functional features of the system. Music and data recorded and stored on the assigned memory space can be dubbed on a blank media and used later on a personal computer at home or for a playback enjoyment in the car. The memory and assigned memory spaces are constantly scanned for interruptions

and being controlled by the control switch module. FIGURE 5 also shows the LCD, Command Control Chip, Micro fax compartment, and Auxiliary/Accessory modulator space for financial transactions , trading, games, t.v., and children specials.

FIGURE 6 of page ( ) receives output from fig. 5 and displays icons and words of feature(s) being used by the motorist. The manual screen permanently displays certain icons and words for direct use when the system is in its retract position and or covered by the manual screen. Internet use and video conference are enhanced using the manual and auto screen. The fully integrated LCD and Monitor/screen can be cleared for full screen while icons and words are still displayed. For instead, the built in LCD keyboard still shows in a faded background.

FIGURE 7 of page ( ) shows how to use the different functions and components of the Integrated Car Dubbing System.

FIGURE 8 of page ( ) shows the electron- hydraulic retractable mechanism that enables the electronic box to pull inward and gradually settle in an impact resistant outer shell. The outer shell material is also used to protect the unit's box while in its deck. In case of an impact, the electronic sound and video component would not be damaged. The video and auditory elements as seen and heard won't be lost, but used to explain what happened before, during, and after the impact.

Note that DIAGRAMS 1-7 on pages 1 - show the expanded or elaborate structural components specified above.

MATCHING DIAGRAMS of pages 1- to the specified figures filed and allowed on the design patent application No. 29/076,710 of Group Art Unit No. 2902 mailed 12/22/97.

Fig.3 compressed matches with the expanded Fig.4(a).

Fig.4 compressed matches with the expanded Fig.4.

Fig.5 compressed matches with the expanded Fig.2 and Fig.3(a).

Fig.5-7 show the wiring of the interconnected components such as the www and fax; the infra eye camera lens and the mike to the dubbing central processing unit (CPU).

Expanded Fig.7 diagram shows how the parts and components are operated by the user.

Expanded Fig.1 and Diagram 1 show the numbered parts and how they are integrated to function as one product, but can be controlled to create four models for a consumer to have choice. Fig.1 corresponds with the Unit's face as show in figure 1 of the Design Patent diagram. The diagram sketch that serves as a folder in the unusual paper size shows the consolidated illustration of the product and how each feature is linked to the dubbing CPU and the computer motherboard.

TITLE OF INVENTION

Be it known that I, PHILLIP IGBINADOLOR, a citizen of the United States of America, who resides at:

240-27 CANEY ROAD
ROSEDALE, N.Y. 11422

have invented a new product.

INTEGRATED CAR DUBBING SYSTEM™

of which, are four product models:

The ICDS™ SISE® GOLD SERIES PRODUCT.

dle

.

The SISE-deluxe PRODUCT.

The SIS PRODUCT.

The CSISX PRODUCT.

CLAIM

What I claim as my invention is

An Integrated Car Dubbing System that has functional features namely:

Satellite and or Wireless (SL-W) electrical/electronic circuitry, super sensor, detector, and scanners.

Assigned memory and record/playback memory space.

Computer motherboard and optional ports (functional features).

Reserve Logic Dubbing CPU.

Unitary record/playback tape deck.

Unitary record/playback CD-ROM and CD-Player disc.

Dual purpose audio/video track disc (optional utility software) has being down loaded on motherboard and could be used to reboot the CD deck or reconfigure the system if there was a system failure (back up disc).

Commercial free/Distortion free (COM.SENSOR) sensor/detector.

High frequency commercial sensor (Ffc).

High frequency dubbing sensor (Fds).

High frequency dubbing satellite/t.v./radio interruptions sensor/detector.

High speed memory/record playback erase.

Live musical/entertainment awards (MEA) sensor/detector.

New musical release (NMR) sensor/detector.

Access internet/Access internet user's frequency (AIN, AINUF) sensor/detector.

Word wide web (WWW) log on.

Integrated software programming/software down load for satellite/wireless and back up software disc.

Auto/manual LCD monitor screen.

Audio/video surround sound mike and infra night vision camera eye on/off function.

Auto Pause sensors.

Full function personal fax and print delivery tray.

ICDS-SISEdle Gold Series Product (has the functions/features of Fig.1(design patent) and Diag.1(utility)

ICDS-SISEdle Model (has no manual screen cover)

ICDS-SIS Model (without the satellite feature being activated)

CSISX Model (without the retractable unit, and AIN, AINUF sensors being activated.

ICDS-Peripheral of Fig.6(design patent).

Accessory modulator/Auxiliary port.

Satellite/t.v./radio/sports events.

On line banking and financial transactions.

Stock market on line trading limited to NYSE, NIKKE, LONDON, NASQUA, and DJIA.

Commodity/Precious stone/metal trading.

Integrated digital/analog clock Alert sensor/detector.

Retractable assembly/Impact resistant unit.

Portable residential/commercial dubbing entertainment unit utility version.

BACKGROUND OF THE INVENTION

Generally, the invention could be manufactured by companies that manufacture house hold audio and video equipment and electronics.

This product invention solves many problems previously not thought of in similar patents and any other product ever manufactured or being sold in the present market. The Integrated Car Dubbing System with options was created to provide choices, better quality tape and CD, entertainment and recording pleasure, dubbing without interruptions or distortion. It also allows the owner to record any data or information and music on a single tape or CD-ROM deck. The unit features a Reserve Logic Programming software enable the Unit to record and playback on a single or unitary cassette and CD-ROM deck. Prior to this invention, other recording electronics have been dual system. The integrated Car Dubbing System is also the first car audio/video dubbing system with a unitary CD and tape slot that plays and records original as well as prerecorded music or any information that can be stored in memories to be recorded or playback at a later day. The CD deck also plays and records digital music or information from current CD-ROM discs. The System's play override (P.O/R) button on the face of the unit CD-UF coding panel allows the system to play and record from currently available CD and CD ROM disc.

Also, this is the first time a product in this industry classification has the capacity to record from tape to tape, tape to CD, CD to tape, CD to CD, tape to memory, memory to tape, CD to memory, memory to CD, airwave, satellite, and television broadcasting without commercial interruption or distortion.

Never has a product in a car audio or video system provides the motorist the choice of

seeing and recording live musical and entertainment awards as seen on television with the freedom to dub and make better quality tape and CD for a friend or relative. The System provides an automatic recording of new musical releases based on the unit's on board database/bank of most recording companies, artist, actors/actresses, and music/entertainment awards calendar and events. In addition, the Integrated Car Dubbing System offers other features that previous patented inventions do not provide.

The System features internet and fax function keys in icons and words. The Unit is fully compatible with present internet software and the functions are accessed when the WWW button is pushed in. Regular internet surfing can be accessed when the access internet (AIN) button is pushed in.

The access internet user's frequency (AINUF) button is push in to enable the user to personalize his or her internet cyberspace surfing with PCs, and provides a way to input security code. The System provides a mobile and keyless computer internet surfing and entertainment surfing.

The Integrated Car Dubbing System comes with a motorist black box featuring the micro eye camera lens with night vision connected to the multi-directional ultra surround sound mike and the Alert clock system to enhance Tele/video conference and safety of the motorist. The mike/camera buttons are strategically placed to enhance dubbing appreciation with soft touch. The product is so versatile that the world wide web has been integrated into the Reserve Logic Dubbing Chip. This allows the user to interchange discs between his/her PC with this new electronic system.

The Car audio/video system has owner's security, privacy, and theft proof coding with

retractable electronic mechanism. The manual screen can be raise with hedges or slides into concave grove of the top separating the unit box from the outer impact resistant material.

The AINUF button allows among other things, the user's choice of coding his/her PC serial numbers, other internet carriers access codes, web site creation, and E-mail address. The private and personal use choice of the consumer during and off computer internet and entertainment surfing makes this product above other competitors the choice of the motorist auto sound system. This is a product any internet user would buy or simply a product for the corporate executives or any one with an old auto sound system, but wants to upgrade the car's music box to a fully integrated car dubbing box.

In order to deter vandalism and theft, the unit can be hidden from a would be theft by electronically retracting the unit box inside the holding compartment. The Retractable Model of the Integrated Car Dubbing is the top of the list of optional features being offered by this product invention. This Model is the ICDS SISE deluxe limited Gold Series Product with the added ICDS Peripheral .The ICDS-Peripheral has a multi-directional sensor of 180-360 degrees from any position. It controls and access functional features, games, and satellite shows.

BRIEF SUMMARY OF THE INVENTION

In this information summary, I will review the distinctive features of the product concept and the needs it fulfills. The concept of the Integrated Car Dubbing System as envisioned by me, Phillip Igbinadolor, dba Phillip's Research & Commercial Enterprises is an auto video sound product that would add a playback and record functions in a unitary tape and CD deck. The System records from the displayed frequency station onto tape/CD ,tape to tape, tape to CD to CD, CD to tape, and tape/CD to memory. The System records and plays all seven features and can be used with the existing personal computers with a 512K to 32 mega bytes microprocessors memory capacity.

The Unit is similar in some respects to the AM/FM cassette car stereo. However, it would have a unitary cassette, and CD-ROM and dual purpose format disc that plays and stores digital music and information as process by the computer. Since this product has its own computer motherboard and being supported and driven by software and satellite technology, it is no doubt that present PCs can be play and record using this product. The Hi speed erase mode erases prerecorded tape or disc and the memory spaces called memory and assigned memory spaces. To further enhance the utility of the recording , the system feature digital signal processing (DSP) chips that detects satellite, radio, and television broadcasts. Upon detection of such station breaks, frequency, and distortion or satellite interruption, the Unit would momentarily pause the recording function until the commercial/station break was completed and the distortion eliminated when the Commercial Sensor-COM.SENSOR button is pushed in to activate this feature. The functional feature provides for listener convenience as well as for the recording purposes of the consumer, thereby, improving quality of tape and disc.

FUNCTION AND APPEALING FEATURES

The Integrated Car Dubbing System will fulfill the need for a useful and practicable audio/video dubbing package for the motorist and house hold entertainment pleasure. The appealing features also include the convenience of making a commercial free recording of all functional keys. The system records automatically when the feature button is pushed in. A new musical release automatically triggers recording onto an assigned memory space of the new musical release (NMR) sensor. The system would record and store digital information even without a media in the unitary tape-disc slot. Video and digital images are stored onto disc and the memory space. With the envisioned Reserve Logic Software, the dubbing CPU could dub in eight sequences. The tape and disc drives. No dual cassette recording. Record and playback are done in one drive and both drives are integrated to exchange information in digital form. Thereby producing a six times dubbing effect in this manner: CD to CD, tape to tape, tape to CD, CD to tape, memory to tape/CD, and tape/CD to memory. Recording and playback require inserting a tape and or CD into slot. The content of the media inserted determines the dubbing of selected functional features. The recorded information or music is stored onto the assigned memory space awaiting for blank media to be inserted. It automatically records onto the blank tape and or disc. When a prerecorded media is inserted, the unit rejects and ejects the tape or disc without damaging the prerecorded data or music. To dub, select function , press the play button to play and record to dub assigned memory space that the prerecorded music or information played onto and stored for later dubbing. All prerecorded music and data are recorded onto the memory space, while the system's

functions are recorded onto an assigned memory space as shown on the pages of graphical illustrations and system integration. When recording from a prerecorded media, the unit reads and stores the information or music in a memory space accordingly to the digital data or music without interfering with the radio broadcasts.

PRODUCT FEASIBILITY AND PRODUCIBILITY

This product has been conceptualized to be safe. The unit functions and design outlook confirm with the Underwriter's Laboratories (UL) . The unit requires no new technology or physical materials. It uses electrical wiring, plastics, low weight impact resistant materials, circuitry, microprocessors, computer motherboard chip, super sensor and other sensor/detector devices, satellite and software technology. In fact, companies such as Sony Corporation, Samsung Electronics in addition to application software companies such as Comsat , Bell Atlantic, Microsoft, Oracle Corporation can design software necessary to operate the system. The technology is available, but was has been missing is the insight. Until now, no other car dubbing system or industrial and house recording system has offered these hi tech electronics functional features as does the Integrated Car Dubbing System. The manufacturer of this product would encompass existing technology, knowledge of product given software, along with a relatively standard materials and manufacturing processes. In general, tapping the line level audio after the AM/FM detector circuits, including a buffer amplifier with automatic level control (ALC) to maintain a proper recording level and function switch control for the recording source, with recording features that requires no training to use. Conventional printed circuit board or surface mounted printed circuit board assembly techniques could be employed. The most convenient and less expansive packaging elements would be used. A normal

condition of impact resistant materials would be employed, visual tests of text legibility and color harmonious would meet with industry standard.

The after market versions of the system could be packaged in a corrugated cardboard container. The box could be imprinted in one or more colors, including four color process with product name, manufacturer name, and instructions for use and care. A small pamphlet could be included in each package detailing instructions for assembly or installation. Styrofoam inserts could be inserted into the package to protect the product. Corrugated cardboard shipping containers would then be used to hold a quantity of individual packaged product to facilitate shipment and storage.

BRIEF DESCRIPTION OF THE DRAWINGS

PRODUCT NAME : Integrated Car Dubbing System

PRODUCT MODELS AND SERIAL INDENTIFIICATION

MODEL IMPRINT USING ELECTRONIC FINE DISPLAY FONTS & TYPES

TM
THE ICDS MODEL PRODUCT HAS THE
SISE R GOLD SERIES PRODUCT ADVANTAGES & FEATURES:

dle

1. IN-DASH FULLY RETRACKABLE SYSTEM UNIT- PUSH IN & KEY ACCESSORY POSITION ACTIVATES
SYSTEM.
VANDALISM & THEFT PROOF
USES CURRENT ELECTRONIC-H
IMPACT RESISTANT - MOTORIST BLACK BOX

2. COMMERCIAL FREE / STATION BREAK & DISTORTION DETECTOR/SENSOR (Ffc & Fds Buttons)
Pauses Momentarily when AUTO PAUSE BUTTON is pushed in

3. NEW MUSICAL RELEASE DETECTOR/SENSOR ((NMR Button)

4. LIVE MUSICAL & ENTERTAIMENT AWARDS DETECTOR/SENSOR (MEA BUTTON)

5. UNITARY CASSETTE DRIVE - Built in Reserve Logic

6. UNITARY CD/CD ROM DRIVE - Built in Reserve Logic
FOR AUDIO/VIDEO PLAY BACK & RECORDING
CD OVERDIDE (P.O/R BUTTON ALLOWS FOR CURRENT P.C. COMPUTER CD & AUDIO ROM
BOTH DRIVES USE RESERVE LOGIC PROGRAMMING SOFTWARE CAPABILITY

7. ACCESS INTERNET / AINUF DETECTOR/SENSOR - Push in for Cyberspace Listing / Out for Personal
Cyberspace & Teleconferencing - AIN & AINUF BUTTONS

8. MICRO CAMERA EYE WITH ON/OFF BUTTON

9. THERMAL/PHOTO PRINTOUT WITH ROLLER FOR E-MAIL/FAX

10. DELIVERY TRAY FOR THERMAL/PHOTO PERFORATED/FLAT FAX PAPER

11. PRODUCT SECURITY
RETRACTABLE STEREO DECK WITH UNDER DASH BOARD DEVICE
AINUF (ACCESS INTERNET USER'S FREQUENCY) THE AINUF CODING NUMBERS FOR
SUBSCRIBER OF WWW.

12. INTEGRATED BUBBING CPU WITH SUPER SENSOR, CIRCUITRY AND MOTHER BOARD CHIP
CSISX

13. MEMORY SPACE & ASSIGNED SPACE FOR THE SEVEN FEATURES THE GOLD SERIES PRODUCT
SEEKS TO PATENT.

14. ACCESSORY MODULATION- FINANCIAL TRANSTRATION & STOCK EXCHANGE TRADING.

15. HIGH FLYING ERASE BUTTONS

16. WORLD WIDE WEB - IN FOR RECORDING WWW & WEB SITE , OUT FOR PLAYBACK OF WEB
INFORMATION.

17. SATELLITE - WIRELESS SENSOR BUTTON
In for WIRELESS Functions / Out for SATELLITE Functions
WIRELESS WITH ON BOARD Application Software

SATELLITE WITH A Down Load Software independent of the WIRELESS Optional Feature

18. MIKE For dictating / Teleconferencing

19. FULLY INTEGRATED DIGITAL/ANALOG CLOCK with built in ALERT SYSTEM for Motorist
On board camera eye detects and flashes with sound when the camera eye detects sleep fatigue in a
motorist.

20 Compatible with any 512k Personal Computers & Microsoft/Window with On board Intel mini and micro
processors

21. SYSTEM'S PORTS are integrated with the seven main features of the Integrated Car Dubbing System

THE SISE deluxe **PRODUCT has the features of the GOLD SERIES except the RETRACTABLE UNIT**

THE CSISX **Model PRODUCT has the features GOLD SERIES except Commercial Free/Station Break SENSOR**

R

THE SIS **MODEL PRODUCT has the functions of the above two products except SUPER SENSOR CHIP**

Attached are pages of :

1. The Logic diagram, CPU, Circuitry, Super Sensor & Memory Space Blue Print with Key
2. Diagram of the Integrated Car Dubbing System with Options and Summary of Product's features.

3. Diagram of Unit's utility functions : i.e.
   Computer Control with Circuit Board & Super Sensor Chip
   High speed Erasing, Frequency Detector/Sensor
   High Frequency Commercial Break Sensor with Dubbing capability

4. Fig. 1 & 2 showing Front view of Unit with numeric identification of buttons & permanent illuminated display of product's & company's logo

5. Stylus or Electronic Pen and Holder are detachable

6. Numbered parts & buttons

7. Fig. 3 shows the interactions between and among the two technical but independent support teams- The In house Command & Control-writes and down load signals from the Satellite Sensor/ Monitor Dish & Detector Dish with output transmitter

8. Fig. 4 shows the seven main features/functions using Software down loaded from satellite/ software prog to read digital signals, interpret on board decoder/ encoder input from satellite transmitter.
   fig. 4 acts as the receiver and out put each sensor interpretation to the logic dubbing CPU.

9. Fig. 5 shows the Logic Dubbing CPU with built in mini/microprocessors for recording of each of the seven structural components. Fig.5 also shows the memory spaces, LCD SCEEN COMMAND Chip, Micro FAX Space & Auxiliary Space for financial transaction & trading.
10. Fig. 6 receives out put from fig.5 and displays icons of feature(s) being used by the motorist.

11. Fig. 7 shows how to use the different functions & components of car dubbing system

12. Fig. 8 shows the electronic hydraulic Retractable mechanism.

Note: Diagrams 1-7on legal size papers show the elaborate structural components of the System as specified above.

Fig. 1 - 6 consist of the Design Patent diagrams submitted and approved that show the feasibility/ practicality of the Integrated Dubbing System.

Matching diagrams on paper size 8"x11.5" with 8"x14" :
fig.3 compressed matches with expanded fig.4 (a)
fig.4 compressed matches with expanded fig.4
fig.5 compressed matches with expanded fig.2 and fig.3 (a).
Fig. 5-7 on paper size 8"x14" show the wiring of interconnected components such as the www and fax, the infra eye camera and the mike to the dubbing CPU.
Expanded fig.7 diagram shows how the parts/ components are operated by the user.
Expanded fig.1 diagram shows the numbered parts and how they are integrated to function as one product. It corresponds with the Unit face as shown in fig.1 of the Design patent diagram and the introductory diagrams of interconnected parts (first 4 diagram pages)
The diagram sketch shows the consolidated illustration of the product and how each feature is linked to dubbing CPU and motherboard chip.

SEE: The Design Patent Allowance Certificate issued by the U.S. Patent & Trade Mark Office pending issuance of the patent certificate with patent #.

The descriptive functions, components, and logic of the internal structure of the Unit is being detailed in the product's abstract objectives and utility functions.

PAGE 3

DESCRIPTION: PRODUCT CONCEPT:

IN this information summary, I will review the distinctive features of the product concept and the needs it fulfills. The concept of the Integrated Car Dubbing System as envisioned by me, Phillip Igbinadolor, dba
Phillip's Research & Commercial Enterprises is an auto sound product that would add a stereo recording and playback in a unitary (single) tape deck and CD-ROM deck.

The system dubs from the displayed frequency station, tape-to-tape, tape-to-CD or CD to tape. The system dubs and plays all seven features and it is compatible with the existing personal computers with a 512k memory capacity.

The unit is similar in some respects to other AM/FM cassette - CD car stereo. However, it would have a unitary cassette drive and CD drive for both playback and recording. It has high dubbing and erase modes.

To further enhance the utility of the recording auto sound product, it would also feature digital signal processing (DSP) chips that detect and sensor both commercial and station breaks, and distortion during radio broadcasts. Upon detection of such a commercial or station breaks and frequency distortion or interruption, the Integrated Car Dubbing Sys. would momentarily pause the recording function until the commercial/ station break was completed and the distortion eliminated by the Com.Sensor and detector. These features provides for listener convenience as well as for the recording purposes thereby improving quality of the tape and CD.

FUNCTION and APPEALING FEATURES:

The Integrated Car Dubbing System will fulfill the need for a useful auto-sound dubbing package for the motorist and house hold entertainment and dubbing pleasure. The appealing feature includes the convenience of making commercial-free recordings from an AM/FM radio stations as well as recording from prerecorded tape or compact disc. With the proposed system, a user may make such recordings while traveling in a vehicle, thereby proving the potential user versatile tape or CD dubbing functions as found on home stereos, but with a Reserve Logic software programming that allows the unit to dub and play on the single drive rather than the current dual deck system. If the motorist heard a new song, musical and entertainment awards on broadcast, he/she could immediately record it from the current radio station or via a satellite. The system records automatically when the feature button on the face of the unit is pushed in. A new musical release automatically triggers recording. The system will records even though there is no tape or disc in the drives.

The recorded information or music in audio/video is stored on the assigned memory space depending on the feature being recorded. When a medium such as tape or CD is inserted in the drive, it automatically records onto the blank medium. When a prerecorded medium is inserted, the unit rejects and eject the CD or tape without damaging the prerecorded data or music.

When recording from a prerecorded tape or CD, the unit reads and stores the information in a memory space accordingly to the information in the tape or CD and records without interfering to the radio broadcasts when a blank tape or CD is inserted into any of the drives. Using DSP technology, the system eliminates commercial and station breaks, and distortion to provide uninterrupted music for listening or recording purposes.

PRODUCT FEASIBILITY and PRODUCIBILITY:

This product-Integrated Car Dubbing System has been conceptualized to be safe. The way it works, functions and design outlook is in conformity with the Underwriter's Laboratories (UL). The unit requires no new technology or physical materials. It uses electrical wiring, plastics, circuitry, microprocessors, motherboard chip, Super sensor and other sensor/detector devices, satellite technology and software programming of the features offered in this product. In fact, companies such as Sony Corporation, Samsung Electronics in addition to application software companies such Comsat, Bell-Atlantic, Microsoft and others can design

the software necessary to operate the system while the satellite tech. is available.

The manufacturer of this product would encompass existing technology and materials along with relatively standard materials and manufacturing processes. In general, tapping the line level audio after the AM/FM detector circuits, including a buffer amplifier with automatic level control (ALC) to maintain a proper recording level and function switch control for the recording source, With recording features common to portable and compact stereo radios, cassette/CD units, the required circuitry and design requirements would be generally well known. Conventional printed circuit board or surface-mount printed circuit board assembly techniques could be employed. The most convenient and less expensive packaging elements would be used. A normal condition of impact resistant materials would be employed, visual tests of text legibility and color harmonious would meet with industry standard.

The after market versions of the system could be packaged in a corrugated cardboard container. The box could be imprinted in one or more colors (including four-color process) with product name, manufacturer, and instructions for use and care. A small pamphlet could be included in each package detailing instructions for assembly or installation. Styrofoam inserts could be inserted into the package to protect the product. Corrugated cardboard shipping containers would then be used to hold a quantity of individually packaged products to facilitate shipment and storage.

BRIEF SUMMARY OF UTILITY FUNCTIONS OF THE SYSTEM

PRODUCT NAME: Integrated Car Dubbing System

PRODUCT MODELS AND SERIAL INDENTIFICATION

MODEL IMPRINT USING FINE ELECTRONIC DISPLAYED FONTS AND TYPES

The ICDS SISE Deluxe Model product that has the Gold Series Product Advantages and Features. In-dash fully retracting system with key accessory and or start position would activate the Unit into slot. The off key position would retract the Unit to base, but bypasses the car's switch to run on stored power cell that would power the operation of the system when the car's switch is turned off. Vandalism and theft proof that uses current electron-hydraulic switch technology to lift and enclose the Unit into the auto sound compartment of any car. The Impact resistant motorist black box with Micro Fish Eye, Commercial free/Station break and distortion free sensor/ detector (COM.SENSOR/Ffc) buttons, and the Clock Alert System make the Integrated Car Dubbing System Invention to be user's friendly and safe security system friendly ever invented in this product's industry.

BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING AND FIGURE

List of Figures by number and explanation:

FIGURE 1 and Diagram 1 is the front view of the System. It shows the list, position, and numbered parts that form the integral components of the Integrated Car Dubbing System. Each component is identified and worded in a simple, but technical term.

FIGURE 2 is the CD/UF Coding Panel. The mike is strategically located above the panel. Functions on the panel could be used to code personal computers serial numbers for personalized internet surfing. This feature allows the user to exchange media between his/her PC and the car dubbing system. The user could also use the feature to set secret pass words and numbers. The numbers and words are read by the control command in binary digits and interpreted in a set of instructions to activate the functional button being pushed in or selected.

The Auto Pause (AP) button, when pushed in is a unique function that stops recording momentarily. Push in position activates pause automatically when the Unit senses commercial break, interruption, and distortion. The Play Override (P.O./R) button on Fig. 2 allows the user of the product to use available disc and cd rom disc. Push in to activate the functional feature. A specially formated audio/video disc designed for this product, could also be used with conventional disc player disc and the computer disk. The special disc has its own internet browser and window icon boot up that can be loaded in the system hard ware. Thereby, creating a new boot up software that works with this Unit if needed for internet surfing and when the Integrated Car System fails. This is an optional feature for back up and external file folder creation purposes. Although, the Unit has its built in internet explorer that is activated when the WWW and AIN buttons are pushed in. The dual purpose digital disc had being down loaded into the system and being marketed as an added external back up product for those consumers who may need it when the need arises.

FIGURE 3 is the auto screen that displays the full functions of the system. To use this feature, the function button must be pushed in first before fax, e-mail, text, and the internet use. It also displays keyboard and calculator functions using LCD technology. The electronic pen and human finger touch of the word or icon would activate and operate the function(s). Simply soft touch the selection.

FIGURE 4 is the manual monitor/screen view. No button is required for it to work. The manual screen

permanently displays the main functions of the system's unit. The electronic pen could be used with the monitor/screen, but not soft touch. The manual monitor/screen covers the face of the Unit when the system is retracted into the under dashboard. It covers the empty deck slot. It slides convaturely into grove above the unit. Appendix 2 illustration shows how the functional features wires and plug are microscopically melted to enhance durability and look.

FIGURE 5 is the top boarder view of the complete Unit. It permanently displays the product's logo and the manufacturer's logo instead of the inventor's logo if the manufacturer wishes to have its logo on the product. The Phillip's Research & Commercial Enterprises logo has no bearing on the manufacturing and use of the product. Production and licensing to manufacturer will determine company's logo. The product's logo on the other hand, has bearing on the product invention, production, and licensing. The models and related functions of the system also have bearings on production and licensing. The manual monitor/screen covers the empty slot allowing the motorist to still use the functions displayed on the screen without the seeing the deck Unit.

FIGURE 6 is the electronic pen called the Stylus and its holder. The holder adheres to the left side of the dash board panel and the ICDS-Peripheral. This position offers the motorist quick access to the stylus. Fig.6 also shows the Remote Control Peripheral of the system. When the sensor button on the peripheral is pressed in sequence the user would access the full functions of the unit, play games, see and enter text and images. The peripheral was created for a chauffeur driven executive to use or for use by the motorist family on a short and long distance trip. The remote control has sensor that is multi directional, which means that the peripheral pad sensor operates without pointing the sensor eye directly at the system's remote sensor chip in the unit. The pad like remote displays functions in words and icons, and could be used for graphics, text, and to fax, e-mail, and print commands. To use the feature's peripheral icons and words, the Auto Monitor/Screen button must be pushed in first. The prompt guides the ICDS Peripheral user to access the Unit's functional features.

FIGURE 7 is an elaborate diagram depicting function keys and how the consumer uses them to enhance recording, listening pleasure, online web and entertainment surfing. This diagram illustration shows how consumer uses the new electronic product invention.

FIGURE 8 shows how the Unit's electronic lifting mechanism allows the system to raise from the floor position into the car's electronic compartment. The electron- hydraulic mechanism allows the Unit to be retrieved when the car's key is in the accessory or start position. To bypass the retrieval of the unit, the user uses the CD/UF Coding # to disable the system from lifting into deck slot. Because the CD/UF Coding Panel is used for product security, it could be programmed to retract the unit and still allows the system to function without noticing it.

FIGURE 2 is the CD/ROM Coding Panel. The mike is strategically located above the panel. Functions on the panel could be used to code PC serial numbers for personalized internet surfing. This feature allows the consumer to interchange CD/ROM disc for PC and the Integrated Car Dubbing System's disc drive and verse versa. The consumer could also use the feature to program and set secret pass words and numbers. The numbers are read by the control command in binary digits and interpreted in words and number codes. The Auto Pause (AP) sensor button is a unique feature that when pressed in the CD-ROM deck stops recording momentarily. The play override (P.O/R) button on Fig.2 allows the user of this product to play and record on conventional CD-ROM disc and CD Player disc. Simply press in to activate. The dual purpose audio/video track disc could also works with this product invention that is specially created to to provide product back up in case of an emergency. The dual purpose disc may or may not be used during internet surfing, because the System has its own built in boot up configuration, browser and internet explorer software. The System's Wireless Function has its software already down-loaded and configured with the computer motherboard. The dual purpose audio/video disc with boot up, browser, and internet explorer is not normally included in the product package, but as an additional product for safeguard against system crash during internet usage or failure. The software designer may sell this product to interested consumer without affecting the price of each model claimed by this invention product. In so much the Integrated Car Dubbing System has the built in software of the dual purpose software disc, the consumer may or not have need for it. The back up dual purpose disc is to enhance product versatility and efficiency when envisioned and conceptualized

FUNCTION BUTTON KEYS DESCRIPTION PER PAGE 5-d OF DIAGRAM 2 OF FIG. 1

1	COM.SENSOR	(Commercial Sensor)
2	Ffc	(High Frequency Commercial/Distortion Free)
3	REC	(Record Tape & Memory related Tape)
4	AP	(Tape related Memory & Tape Auto Pause)
5	NML-R	(New Musical Release Sensor)
6	MEA	(Musical & Entertainment Awards Sensor)
7	AIN	(Access Internet Sensor)
8	AINUF	(Access Internet User's Frequency)
9	WWW	(World Wide Web)
10	FAX	(Micro Fax Machine beneath)
11	REVERSE LOGIC LABEL	(Reverse Logic Dubbing indication)
11A	AUDIO/VIDEO ON/OFF	(Audio & Video Activation Keys)
12	SL-W	(Satellite & Wireless Sensor)
13	CAM.EYE	(Camera Eye with Night Vision)
14	MIKE ON	(Mike Activation Key with Surround Sound)
15	CAM.ON	(Video Activation Key with alternate switch)
16	SKIP	(Radio & Tape Skip Key)
17	ERASE	(Tape & Tape related Memory Erase Key)
18	TAPE	(Unitary Cassette Record & Playback Key)
19	TUNE	(Tape Up/Down & Right/Left Tuning Key)
20	STOP/EJECT	(Stops Tape, Second Touch Ejects Tape)
21	DIGITAL/ANALOG CLOCK	(Clock has a unique Alarm/Alert Audible Sys.)
22	CD FUNCTION KEYS	(Integrated with the AINUF Coding Panel)
23	AINUF Coding Panel	(Use for Personalize Security & Privacy Surfing)
24	CD	(Unitary CD Record & Playback Function Key)
25	POWER ANTENNA	(Has Satellite, Radio, and Television Receptacles)

26	REC.CD	(Records from Memory Space, Pre-recorded Disc,& Air)
27	AM-FM	(Selection Mode)
28	MIKE	(Voice Recognition/Activation & Multi-Directional)
29	TAPE DISPLAY	(Shows Mode, Dubbing, and Play Status)
30	CD DISPLAY	(Shows Mode, Dubbing, and Play Status)
31	FAX MACHINE	(Micro Fax with built in thermal/photo paper roller)
32	DELIVERY TRAY	(Reeeives fax printouts & printed text/graphics)
33	ACCESSORY/MODULATOR SENSOR	(For On line banking/trading, sports, & Chilren Spe.)
34	PROGR.	(For Wireless Configuration/Interactive programming)
35	P.O/R	(To play/Record current disc & CD-ROM Disc)
36	AUTO MONITOR/SCREEN	(To activate/show function keys, Conferencing,&Live)
37	Fds	(High Frequency Dubbing Scanner)
38	TRACK	(To monitor CD Record/Playback tracks)
39	CD EJECT	(To eject disc from slot and auto eject-wrong sel.)
40	STYLUS	(Electronic Pen for use on ICDS-Peripheral/Screen)
41	INVENTOR'S LOGO	(Manufacturer of the Product may insert its logo)
42	PRODUCT LOGO	(ICDS-SISE Deluxe Limited Gold Series Product)

Brief Technical Description by selected drawings and figures of the invention.

Figure 3 shows the interaction between and among the two technical, but independent support teams. The two teams could be incorporated so that the manufacturer who does not have the software capability or technical know how of satellite technology could still manufacture this product invention by hiring team of software engineers or technician as the case may be. The diagram and figure illustrating the two support teams show how this product could be manufactured using today's satellite technology and application software engineering knowledge. The two support teams as envisioned by me are termed the Technical Support Team and the In House Command and Control Support Team.

The In House Command Control Support Team writes software programs for the different sensor/detector, and the system's functional features' sensor software programs to act as described in this application. The software engineers and program writers design a product driven application software that would power the Integrated Car Dubbing System and instruct it to perform the functions and features selected by the user. This Team also writes program wireless sensor that drives the Remote Sensors such as the Wireless function and the Product's Peripheral with wireless hand held device that also controls the functions of the system.

The Technical Support Team designs the satellite and down load software of digital signals for live performances and show events. Signals are beamed to the car's circuitry that houses the super sensor, detector, and scanners which is connected to the Satellite/Wireless (Sl-W) function key. In order to depict the full understanding of the conceptualized product, it may become necessary to show one's imagination and creativity in original diagrams drawn and submitted to an invention marketing company that promised to file a utility patent application and market my invention. The company instead filed a design patent application for which my invention was allowed and for which I am currently seeking a utility patent approval. So that, any further attempt to duplicate my invention ideas as revealed to the marketing company called Invention Submission should ceased. As a result, I have to submit along this application the original diagrams and figure illustrations of my product invention . Therefore, parts and whole of any previous figures and diagrams drawn would be added to this application for the sole purpose of explaining the understanding of my invention and how it could be used and to help explain some of the worse fetal

car crashes. The hand drawn figures are the expanded diagram visions of the computer aided figures of the design patent application submitted along with this utility patent application.

DETAILED DESCRIPTION OF THE INVENTION

The super sensor device on board the car's dubbing system constantly scans for satellite, radio, and television broadcasts. The play and record frequency are displayed, so that the user of the product could monitor, stop, and edit library of tapes and discs in the memory, and or media. The sensors and detectors also help eliminate commercial break and noise interruptions. Distortions and interuptions such as noise, station breaks, commercial messages, and special bulletin and paid commercials are eliminated to provide hi quality recording of new musical release, live musical and entertainment awards show, and prerecorded tapes and discs. The sensor/detector internally scans for new musical releases and awards calendar events and automatically records the music and or show without the normal interruptions. In order for the sensor/detector to instruct the dubbing CPU to record, it endlessly scans through its database of researched and stored list of recording companies, artists, radio, television, satellite, bill boards, and recording studios even when the system is turned off. This allows for first time identification and recording of new musical releases in category of the recording companies such as country music and R & B music.

The sensor/detector scans and detects record company's new releases, label artists and charts, mode of playing and recording, and transfers data collected to the central memory space. Information, both in digital audio and video are stored in the central bank which are filtered to each of the seven sensors with memory spaces. These memory spaces as depicted on Fig.4 Diagrams 6, 8, and 9. As a result, any live musical and entertainment award show or new musical release would automatically trigger the detector to assign memory space for the internal dubbing to record and store the digital signals in the assigned memory space of the function selected. An insertion of a blank media (tape or disc) would cause the dubbing system to

record and store the digital signals in music or information on to the media inserted. If a pre-recorded tape or disc is inserted instead of a blank media, the Reverse Logic CPU inside the playback/ record deck would reject and eject the media as wrong functional selection. To play pre-recorded tape and or disc, the Record (REC.) button of each deck should be in an off position. The button or functional key is off when the indicator light is not steady. The record function key indicator light flashes when the dubbing CPU deck is triggered by a new musical release and live musical/entertainment awards event(s) is being recorded. The indicator light is steady when the unit is dubbing pre-recorded media and or during tele-video conferencing. Auto dubbing and conferencing does not interfere with the consumer's current selection of listening pleasure.

The Commercial Sensor function key relays digital messages for the detector to activate momentarily stop during internal dubbing when it senses distortion or interruption. The Auto Pause button when pushed in would eliminate noise and commercial breaks interruptions, distortion, interruption, fading, and station frequency interruptions even in heavy populated areas and poor reception during listening and dubbing. The commercial sensor is integrated with the high frequency commercial sensor(Ffc), high frequency dubbing sensor/scanner(Fds), and the high speed erase function buttons. The Erase function key of both unitary dubbing CPU allows the user to erase or trash unwanted files and folders in the memory spaces. The integrated tape and disc drives or decks would erase tapes and discs, including related memory spaces and pre-recorded tapes and discs.

The dubbing in either of the drive occurs using a Reverse Logic Dubbing Software Application Programming that instructs the used unit to record when a blank media is inserted into the record/playback deck. The dubbing application software would result in a eight recording sequence such as memory to tape, memory to disc, tape to tape, tape to disc, disc to tape, disc to disc, tape to memory, and disc to memory reverse logic dubbing. The tape to disc, disc to tape,

tape to tape or tape to memory, and memory to tape recording involves audio only. The disc to disc, disc to memory, and memory to disc involves audio/video only. Given three memory medium for dubbing, the integrated dubbing CPU would record in eight sequence of audio and video digital signal interchange. The three recording medium are the CD-ROM record/playback(audio/video), Tape record/playback(audio), and the combined memory and assigned memory(audio/video) recording sources. The System also dub the other functional features, including internet log on and financial transactions and sports/children special as seen on monitor screen and the peripheral.

The System has the input device in form of the interactive screen and stylus. An output device in form of monitor screen, storage device in form of the memory spaces, and hardcopy medium in form of tape and disc and printout of e-mails, voice mails, text, and graphics using thermal/photo printing technology. As a result, the Integrated Car Dubbing System is a functioning computer with micro-processors. The product's uniqueness is obvious with or without its dual purpose for boot up, internet browser, explorer, and on line software program which has been installed onto the System's internal computer motherboard chip.

The service of the Internet is global, and service of a car is also universal. The new product invention brings the versatility of the internet to an electronic audio/video system that offers most features of the internet plus listening and dubbing pleasure in a car.

The housing of the fax machine is under or beneath the delivery tray of the design patent diagram as shown on Fig. 1 enclosed. It is not visible, but operates like the personal fax machine. The motorist send and receive fax messages as a print or copy on a flat or perforated thermal/photo papers. Other distinctive

difference between this invention and previous inventions is the uniqueness of the system to integrate current technical know-how in electronics technology with relatively new satellite, wireless, and software programming technology into a complete dubbing machine. The user requires no new skills than he or she has in recording, computer, and the internet. This product invention is a computer in a mobile structure, but designed to replace bulky computer monitor, keyboard, and mouse.

Appendix 2 on page 21 of the diagram sheets is a drawn out illustration of how the LCD monitor screen wires are melted to enhance the display of the functions of the car dubbing system.

Figure 1 is the full functional parts and components driven by software. The System's dubbing CPU contains a researched databases of recording and bill boards companies, artists, musical and entertainment awards academy and dates of events. The special computer sensor of the dubbing system instructs the logic control of each functional features to record and store. The unitary tape-disc deck selectively and individually records digital audio and video signals and identifies the media being inserted in order to play and record onto the correct media. The Reverse Logic Dubbing CPU allows the system to record and play back.

The built in feature of the ultra video night vision camera is wired and connected to the mike, clock, and the dubbing CPU. The video eye allows for tele-video conferencing and at the same monitors the motorist's fatigue using an integrated clock alert system that is wired into the dubbing central processing unit. The location of the mike, clock, and camera lens enhance the position of the MIKE/CAM buttons as shown on the illustrative figures and diagrams. The mike and camera buttons have alternate switches in order to sense and capture impacts and unwarra-

unwarranted intruder. As a result, the new system acts as the motorist black box which can be reviewed by the authorities and may help reduce insurance cost. It is of the inventor's belief that when successfully tested and marketed, the consumer would appreciate the product's security, privacy, motorist's safety, and the functional features of this complete and perfected product invention.

Document from the Collection of the Computer History Museum

DETAILED DESCRIPTION

List of abbreviated function keys, Numeric identification, and logical integration of the wiring:

Button 1 is the Commercial Sensor (COM.SENSOR).

Button 2 is the High Frequency Commercial Sensor (Ffc Sensor).

Button 3 is the Record tape (REC) function by the tape deck and REC disc by the side of the CD deck.

Button 4 is the Auto Pause (AP) above the tape REC button, and on the CD/UF Coding # panel of Fig. 2 and 2A.

Button 5 is the New musical Release Sensor (NM1-R) button. The button must be in the in position (push in) to trigger automatic recording onto the NML-R memory space or onto a blank tape and or disc.

Button 6 is the Live Musical and Entertainment Awards Sensor (MEA) function key. Push in to trigger automatic recording of awards such the Academy, Oscar, country musical awards etc onto the MEA memory space or onto a blank tape or disc.

Button 7 is the Access Internet (AIN) function key. Push in to access internet surfing when the WWW function key of button #9 is activated.

Button 8 is the Access Internet Unser's Frequency (AINUF) function key. Push in before using the CD/UF coding panel as shown on Fig. 2.

Button 9 is to be used by the consumer who has internet service carrier and allows the user to log on. This functional feature like others can be disactivated accordingly to the product model bought by the consumer. The Word Wide Web sensor is programmed to down load software for on line usage, on line banking, sports, and children specials when the Accessory button #33 is activated by the indicator light.

Button 10 is the Fax functions key access button. The user should push in this button for e-mail and voice mail.

Button 11 is the Reverse Logic Unitary tape/disc dubbing component. These functional

components are unique to this new invention. The system's unique display of the Reverse Logic system on the flap of both dubbing deck is an integral part of the product invention. It is programmed to dub all features. Therefore, the symbol constitute a trademark by which this product invention is to be marketed.

Button 12 is the Satellite and Wireless Sensor (SL-W) function key. This feature allows for software to be down loaded from satellite and uses wireless software technology to incorporate all functional utility of the system. Two independent support teams called the Technical and In House Control Command support teams.

Button 13 is the ultra eye camera with night vision technology.

Button 14 is the Mike on function key for dictating and to activate the surround sound during listening and dubbing.

Button 15 is the CAM On function key for video conference and impact/car hijacking incident. Both function keys 14 and 15 are alternatively wired and connected to filter images and sound.

Button 16 is the Skip function key for skipping during record and playback.

Button 17 is the High Speed Erase function key which is connected to the memory spaces and the dubbing CPU.

Button 18 is the Tape function key. Push in to play pre-recorded tape (insert).

Button 19 is the Tune function key

Button 20 is the Stop/Eject function key.

Button 21 is the Integrated Digital/Analog Clock with the built in Alert system.

Button 22 is the CD function key.

Button 23 is the User's Frequency Coding Number Panel for personal computer information interchange, security and internet privacy coding and pass codes.

Button 24 is the CD functional component. Press in to play CD-ROM disc, CD-Player disc, and related discs.

Button 25 is the Satellite/T.V./Radio special receptacle that provides digital

signals for the wireless functions of the Integrated Car Dubbing System.

Button 26 is the REC.CD disc with audio and video memory space capability.

Press in to record.

Button 27 is the AM/FM select functional key. Push to select mode.

Button 28 is the Mike itself.

Part Number 29 is the Tape LCD display.

Part Number 30 is the CD LCD display.

Part Number 31 is the micro fax machine itself. Fax is not seen by the user.

Part Number 32 is the Delivery Tray area. It comes opaque under the ash tray and or without the ash tray.

Button 33 is the Accessory/Modulator (ACC) functional key for on line banking, sports events, t.v., children specials, and road navigation device which can be seen on the monitor screen with LCD technology. Push in with steady indicator light to activate the features.

Button 34 is the System's electrical and electronic software program interpreter/ compiler and for individualized instruction to the system. The button should be in the in position at all times. The steady light shows the satellite/wireless functions being activated. It flashes to indicate none use of the satellite feature.

Button 35 is the Play Override (P.O/R) function key that enables the unit to play and record currently used CD-ROM disc and CD-Player, and other after market digital audio/video discs.

Part Number 36 is the Auto Screen function key with words and icons. The monitor screen. Push in first before surfing in the internet. It also allows for tele/video interactive response with any user of the same product or any tele/video interactive devices. Could be used to watch live events and shows.

Button 37 is the High Frequency Dubbing Sensor with scanner (Fds) function key which is wired and connected to the COM.SENSOR, Ffc, Dubbing CPU, and computer mother-

board chip. This feature allows for high quality dubbing and better quality tape and disc.

Button 38 is the Track function key for CD-ROM disc and CD-player disc.

Button 39 is the CD record/playback Eject function key.

Illustration Numbered 40 is the System's Ekectronic Pen or STYLUS which can be used the Auto Screen and the ICDS-Peripheral Pad to access, write, and draw on the screen.

Illustration Numbered 41 is the inventor's dba company's logo which could be licensed to bear the company's logo of the manufacturer, instead of the Phillip's Research & Commercial Enterprises electronic imprint boarding the upper left side of the product unit.

Illustration Numbered 42 is the Product's logo as shown on Fig. 5 and Fig. 5A The product's logo is permanently imprinted with electronic fine font type. The product's logo can not be changed to bear other logo by the would be manufacturer unless specifically allowed under separate arrangement.

THE OBJECT OF MY INVENTION

The primary reason of inventing this product is to create jobs. I'm one of those Economist who believe in creating jobs by developing an efficient product that solves the problem of a dubbing electronic sound system and create opportunity for jobs in many areas of the labor market. My aim was to identify the problems of current recording systems that are inadequate for consumer's utility. A consumer's utility from a service or product would be achieved at the point of satisfaction. This product invention provides the maximum satisfaction a consumer would wish to derive from a product such as the Integrated Car Dubbing System.. The Integrated Car Dubbing System comes in Four Optional Models. By so doing, it provides choices for the consumer.

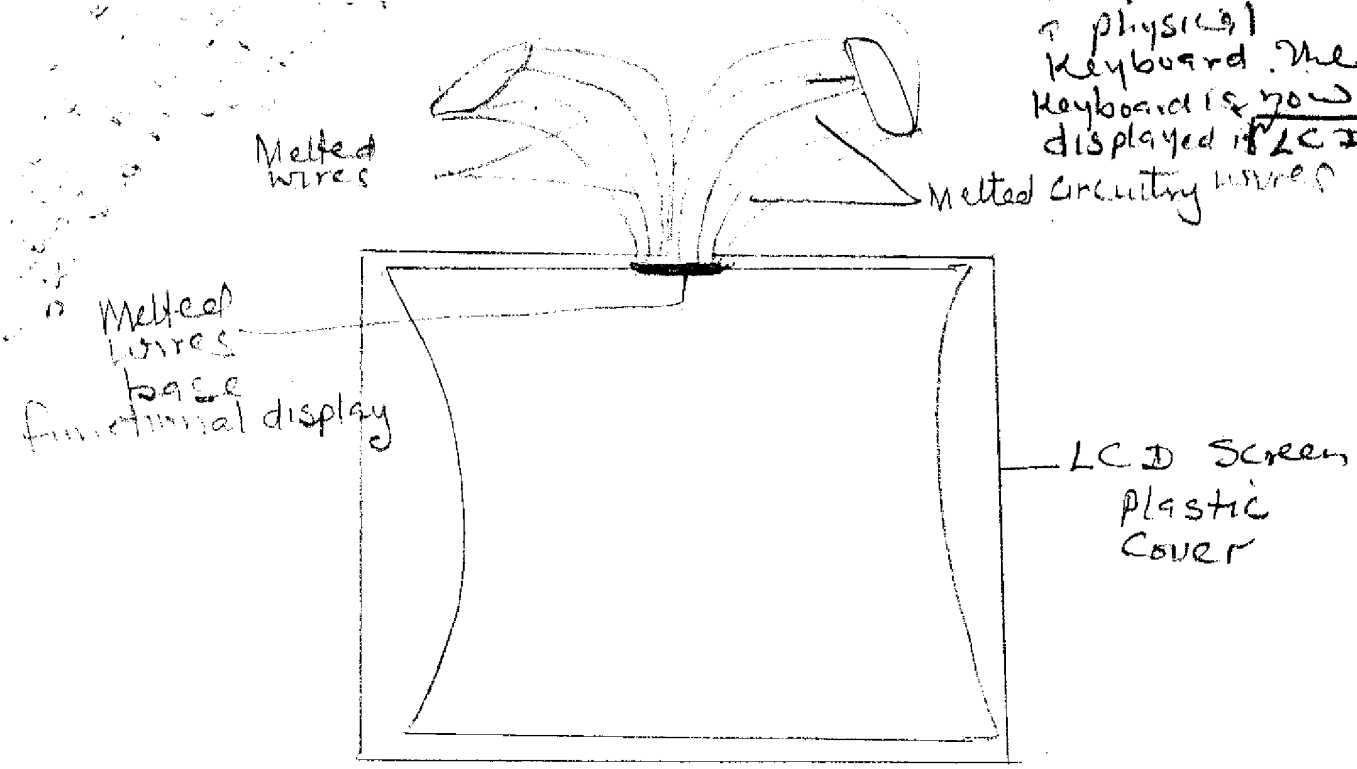
The top of the line product is called the Integrated Car Dubbing System Gold Series Product -ICDS-SISE Deluxe. This product design patent application, for which I now seek a utility patent claim, has been allowed and approved by the U.S. Patent & Trademark Office depending patent issue. Each copy of the Notice of Allowance and Issue fee due notice. This utility patent application now being filed is the explanation of the way the invention works, what it does, manufacturing process, and how the product invention could be used by the consumer.

Integrated Car Dubbing System in LCD Screen for Internet use.

Page Appendix 1

Plug

Advantage:
Helps eliminate physical keyboard. The keyboard is now displayed in LCD



The LCD Screen can be pull down manually or automatically when the System is to be used for Internet or Teleconferencing. To use the Stereo, the screen retracts Concavely (concave shaped LCD Screen) allowing the stereo system to fit into slot. Since the gold package of the Integrated Car Dubbing System has the retractable stereo decle, the LCD Screen becomes practicable for use during Internet Surfing. The screen displays video functions as a monitor and a lighted LCD keyboard for

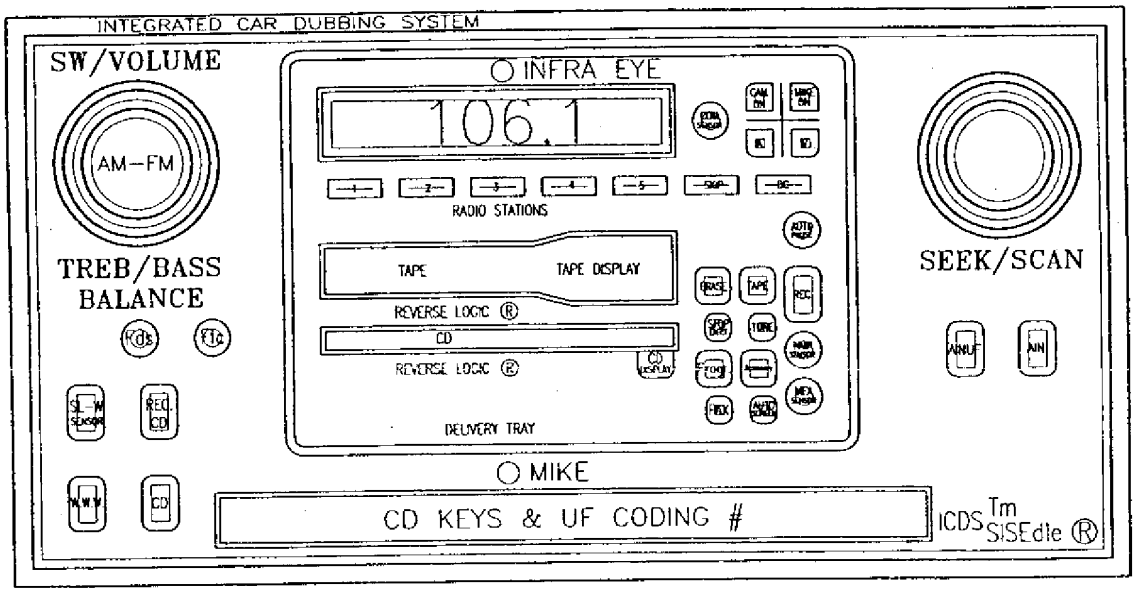

INTEGRATED CAR DUBBING SYSTEM
SW/VOLUME
AM–FM
TREB/BASS
BALANCE
INFRA EYE
106.1
RADIO STATIONS
TAPE
TAPE DISPLAY
REVERSE LOGIC ®
CD
REVERSE LOGIC ®
DELIVERY TRAY
SEEK/SCAN
MIKE
CD KEYS & UF CODING #
ICDS Tm SISEdle ®

Fig. 1

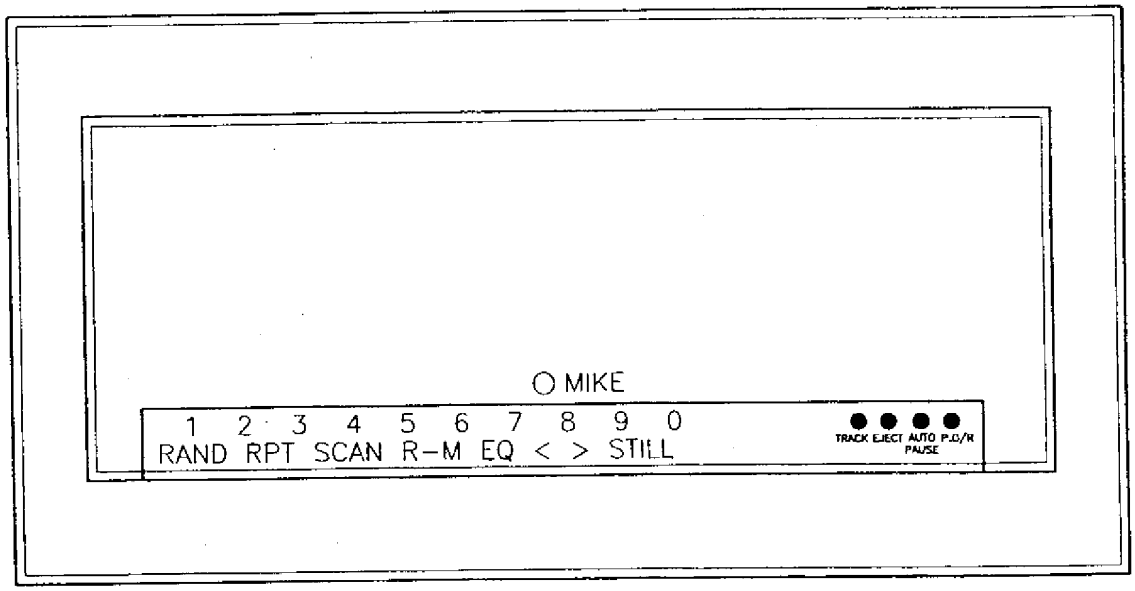

MIKE
1 2 3 4 5 6 7 8 9 0
RAND RPT SCAN R–M EQ < > STILL
TRACK EJECT AUTO P.O/R PAUSE

Fig. 2

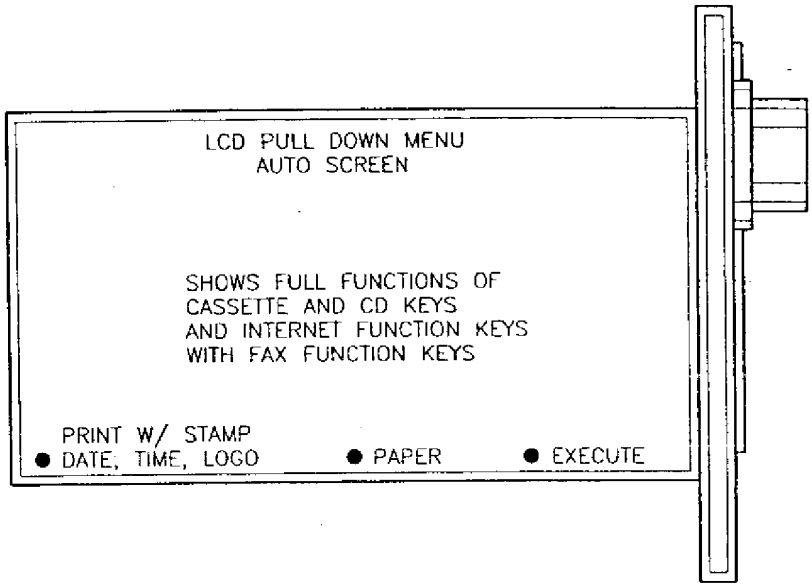

LCD PULL DOWN MENU
AUTO SCREEN
SHOWS FULL FUNCTIONS OF
CASSETTE AND CD KEYS
AND INTERNET FUNCTION KEYS
WITH FAX FUNCTION KEYS
PRINT W/ STAMP
DATE, TIME, LOGO
PAPER
EXECUTE

Fig. 3

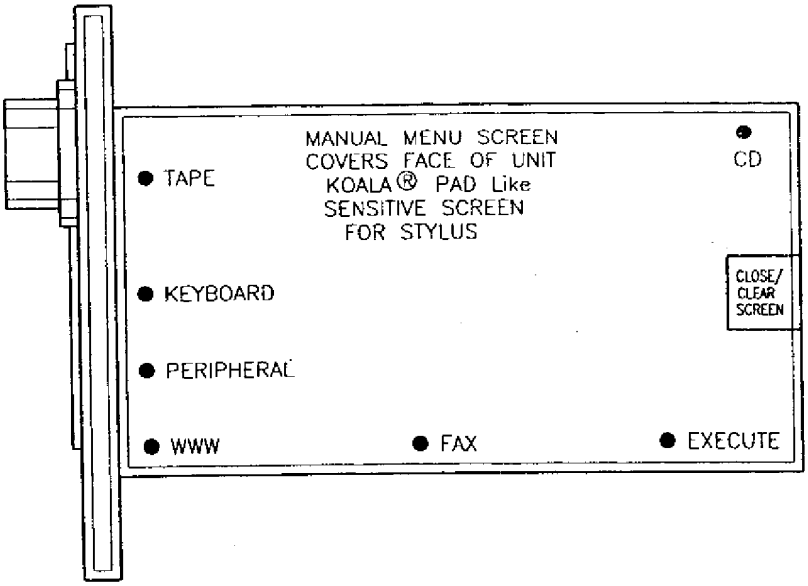

MANUAL MENU SCREEN
COVERS FACE OF UNIT
KOALA® PAD Like
SENSITIVE SCREEN
FOR STYLUS
TAPE
CD
KEYBOARD
CLOSE/
CLEAR
SCREEN
PERIPHERAL
WWW
FAX
EXECUTE

Fig. 4

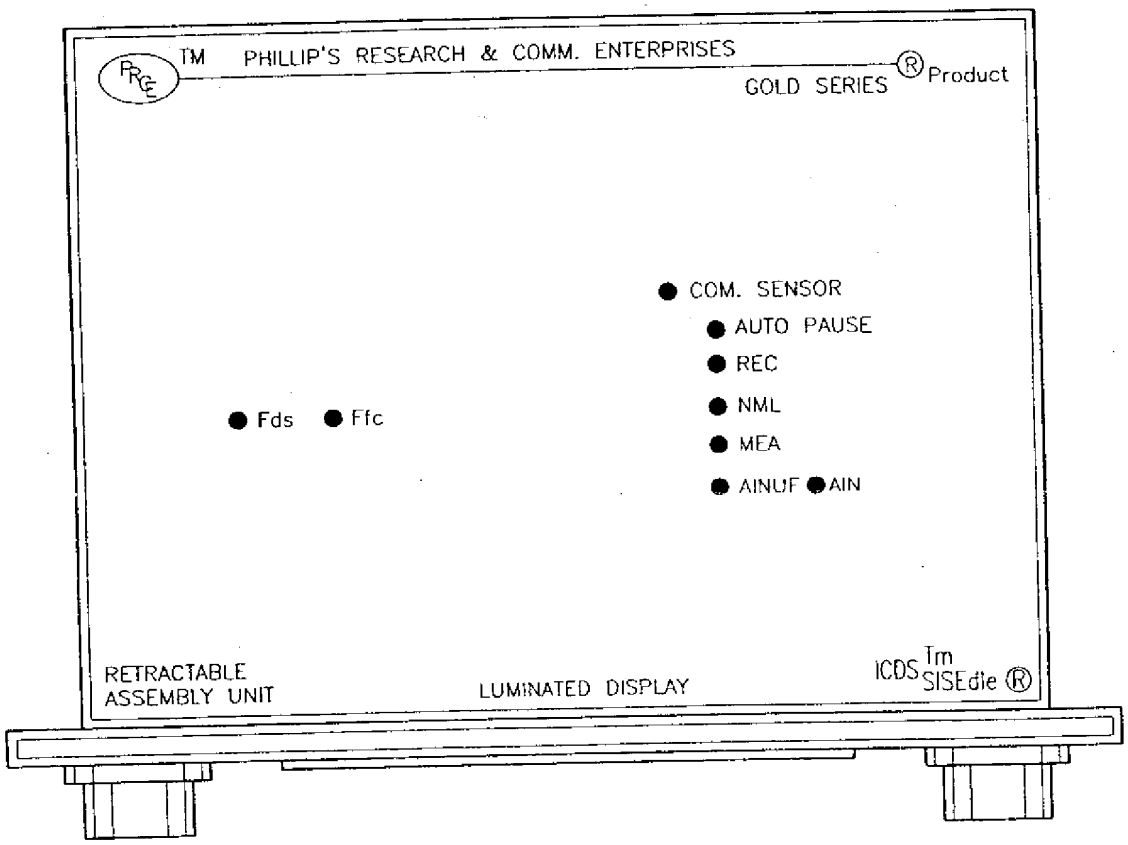

TM PHILLIP'S RESEARCH & COMM. ENTERPRISES
GOLD SERIES ® Product
COM. SENSOR
AUTO PAUSE
REC
NML
MEA
AINUF AIN
Fds Ffc
RETRACTABLE ASSEMBLY UNIT
LUMINATED DISPLAY
ICDS Tm SISEdie ®

Fig. 5

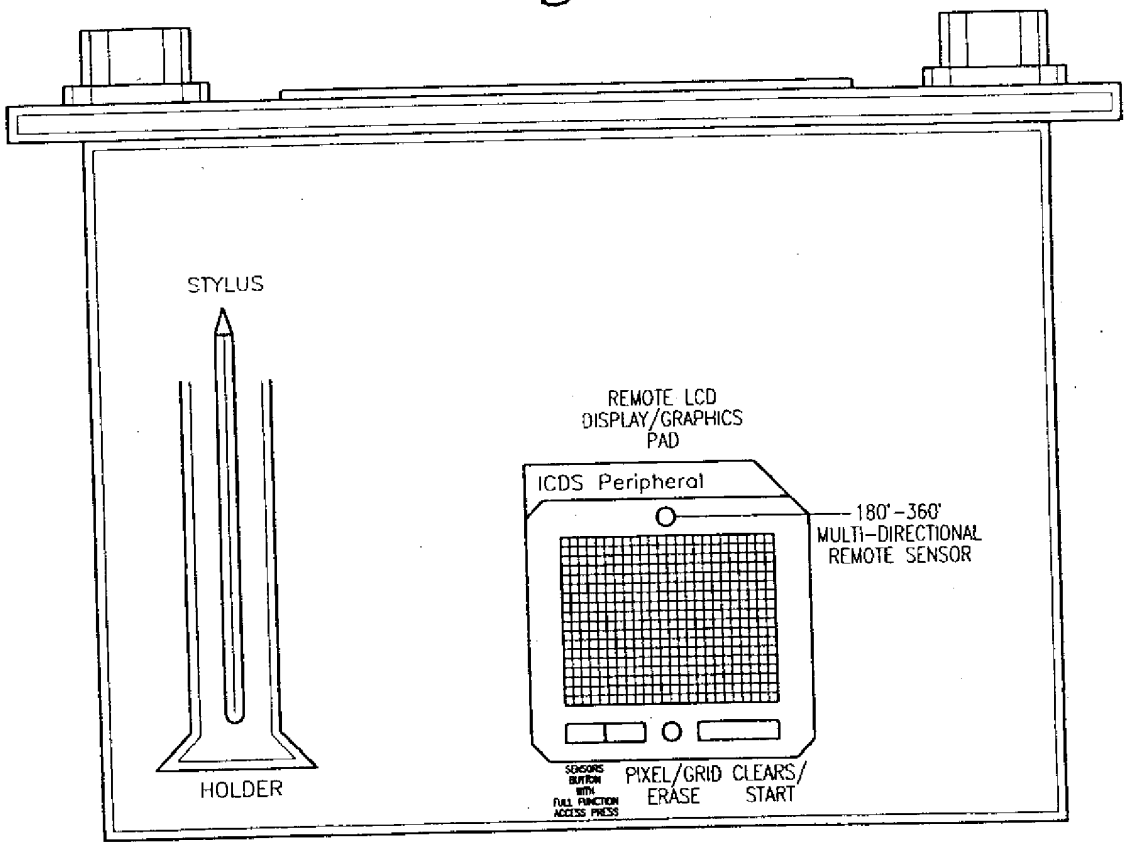
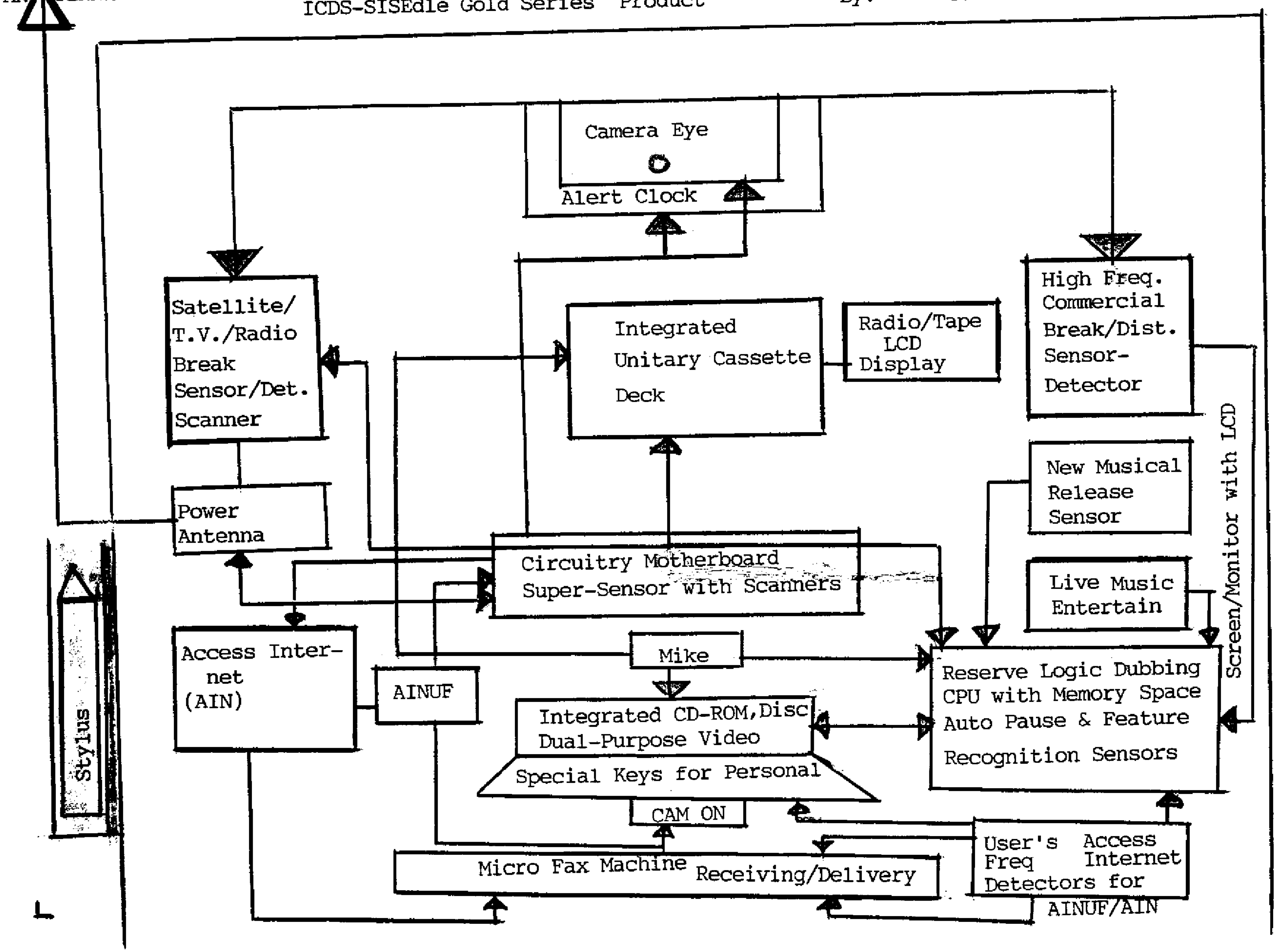

STYLUS
HOLDER
REMOTE LCD DISPLAY/GRAPHICS PAD
ICDS Peripheral
180°-360° MULTI-DIRECTIONAL REMOTE SENSOR
PIXEL/GRID ERASE
CLEARS/ START

Fig. 6

Fig.1A

RETRACTABLE/STATIONARY MODEL
OF
INTEGRATED CAR DUBBING SYSTEM TM

ICDS-SISEdle TM R Gold Series R Product By: PHILLIP'S RESEARCH



INTERNAL CONNECTIVITY AND INTEGRATION OF FUNCTIONAL PARTS BLUE PRINT

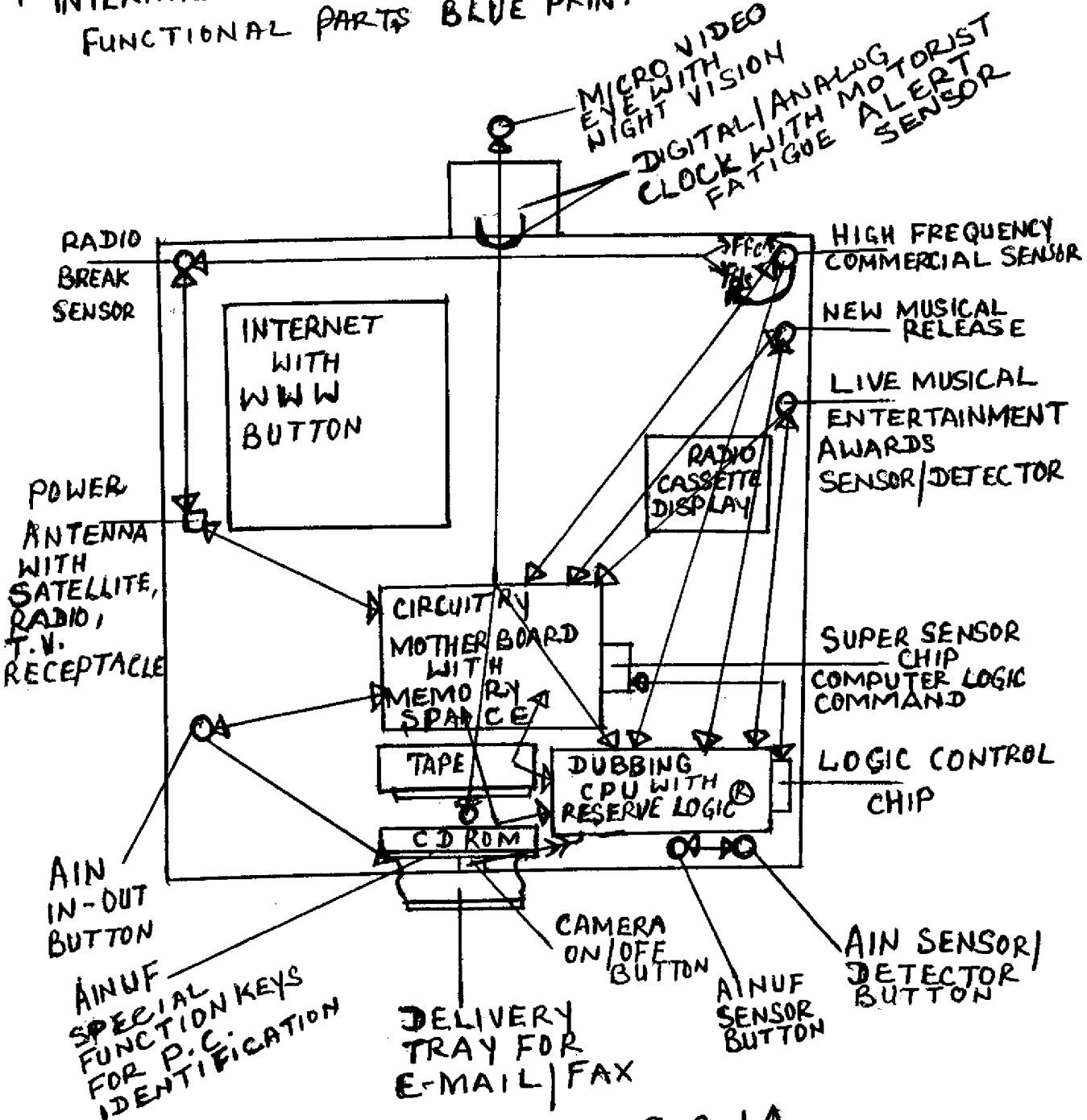


DIAGRAM 1 OF FIG. 1A

INTEGRATED CAR DUBBING SYSTEM™

ICDS™ $iSEdle® GOLD SERIES PRODUCT

↔ LOGIC COMMAND

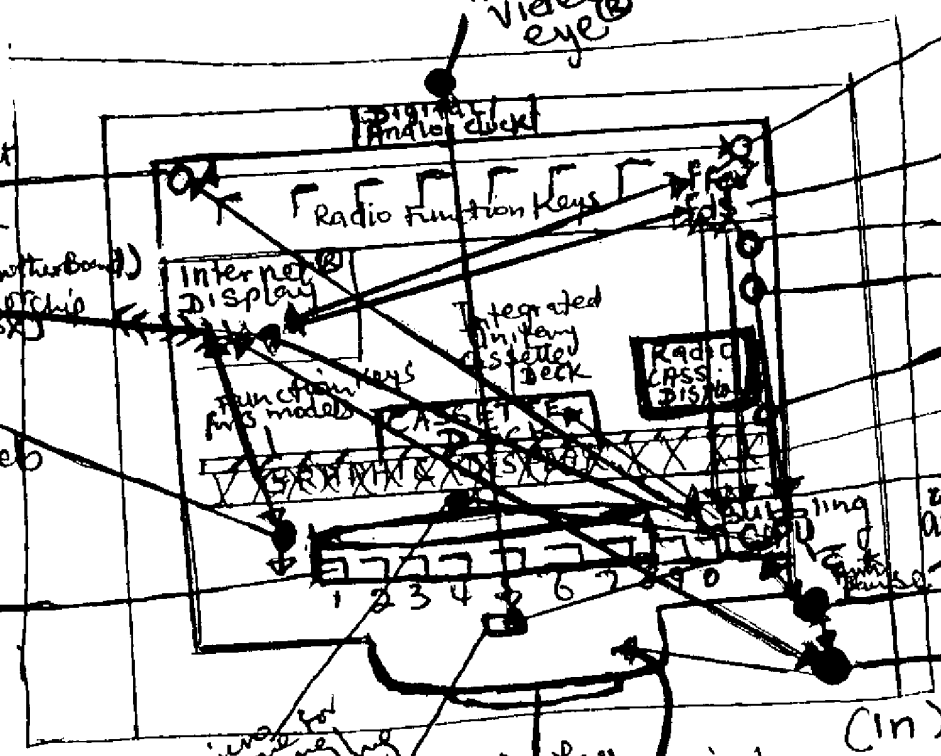
→ COMMAND FLOW

→ INTERACTION

PHILLIP'S RESEARCH AMERICA

INSERT PAGE 5-a DIAGRAM 1A

INTEGRATED CAR DUBBLING SYSTEM™ (WITH OPTIONS)



<10>

SUMMARY OF FEATURES OF INTEGRATED CAR DUBBLING SYSTEM™

- R PATENT AND REGISTERED TRADEMARK
- USE, MUSICAL RELEASE SENSOR®
- LIVE MUSICAL AWARD SENSOR®
- UNITARY CASSETTE DRIVE
- COMMERCIAL FREE SENSOR®
- ACCESS INTERNET/AINUF
- SENSORS/DETECTORS®
- MICRO CAMERA EYE © ON/OFF BUTTON
- SENSOR
- THERMAL/PHOTO PRINTOUT © ROLLER
- DELIVERY TRAY FOR Thermal/Photo PAPER
- PERFORATED/FLAT PAPER AUDIO-
- DUAL TRACKS DISC FOR AUDIO
- VIDEO
- D Playback DUBBLING CPU detects
- Recorder COMMERCIAL/STATION BREAKS
- nnected AND PAUSE momentarily
- DUBBLING CPU FOR
- OGICAL CONTROLS
- F FEATURES' SENSORS.
- PRODUCT SECURITY
- Features

THE COMPLETE SYSTEM IS A FULLY INTEGRATED CAR DUBBLING SYSTEM © LISTED OPTIONS®

Models

1) CSISX © out commercial sensor/detector
2) SISI © commercial Super sensor chip
3) SISE © Erasing key deluxe has the retractable system (Push in) against Vandalism and theft proof

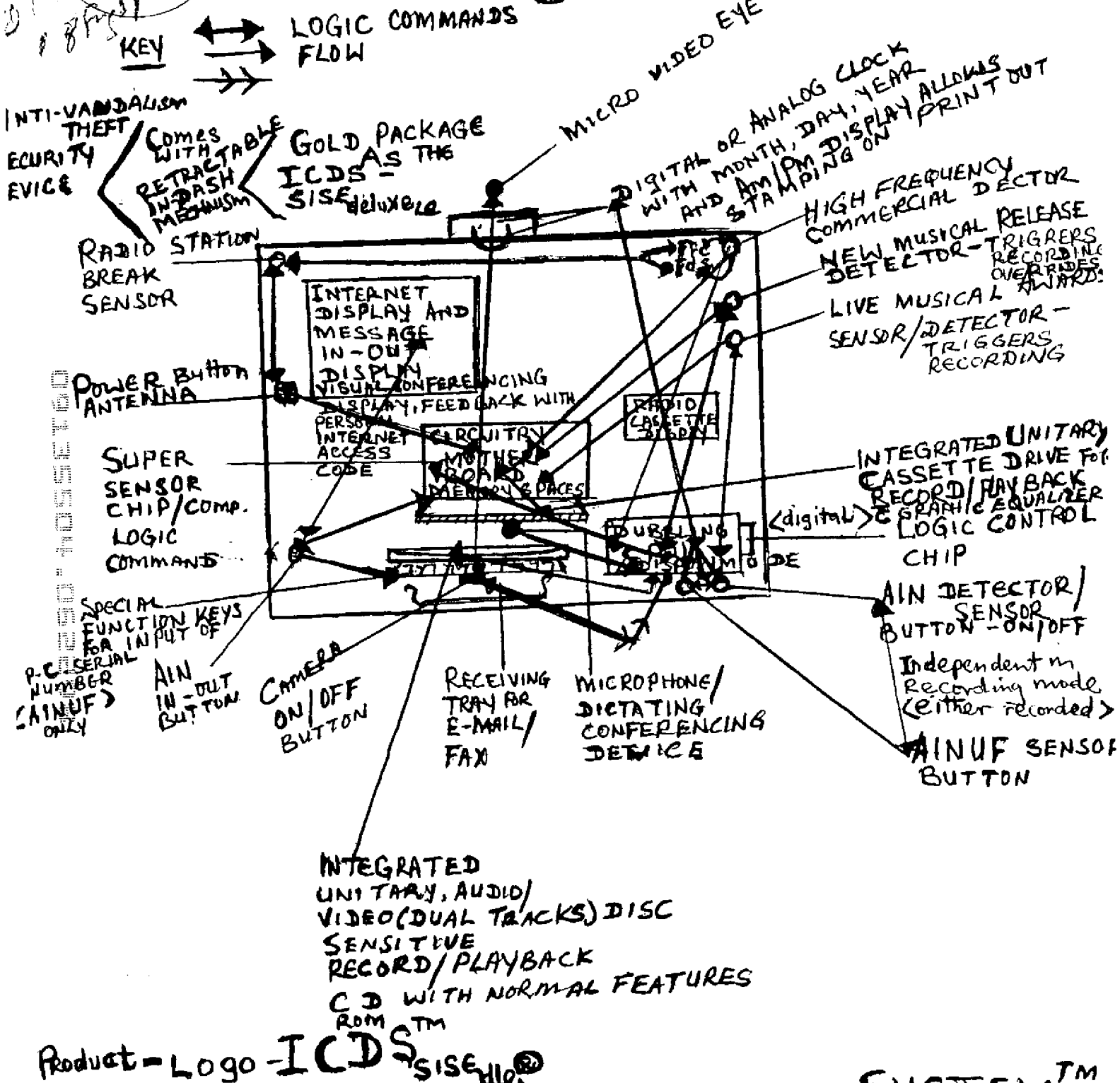
Knowings the SISE die® or limited

PATENT: INTEGRATED CAR DUBBLING SYSTEM © NEW MUSICAL RELEASE,

PHILLIP'S RESEARCH AMERICA

INSERT PAGE 5-b
DIAGRAM 1B

LOGIC, CPU, CIRCUITRY, SUPER SENSOR AND MEMORY Spac
DIAGRAM - BLUE PRINT



Product - Logo - ICDS SISE deluxe®

INTEGRATED CAR DUBBING SYSTEM™

SHOWING OPTIONAL FEATURES

AVAILABLE AS A GOLD PACKAGE OR IN THREE (3) MODELS WITH CONSUMER CHOICE OF OPTIONS

Phillip's Research & Commercial Enterprises

INSERT PAGE 5-C
DIAGRAM 1E

Drug-3 Inspect

INTEGRATED CARDUBBING SYSTEM™

The SISE Limited ⟷ Original system > comes Standard as the Latest Hi-Tech. Better Quality Tape/Disc Dubbing System

The SISE® has the Retractable® System (Push-In)®

CSISX® MODEL
Cout Commercial Sensor

SIS® MODEL
C commercial Super Sensor chip

SISE® MODEL
E Erasing key (DELUXE)

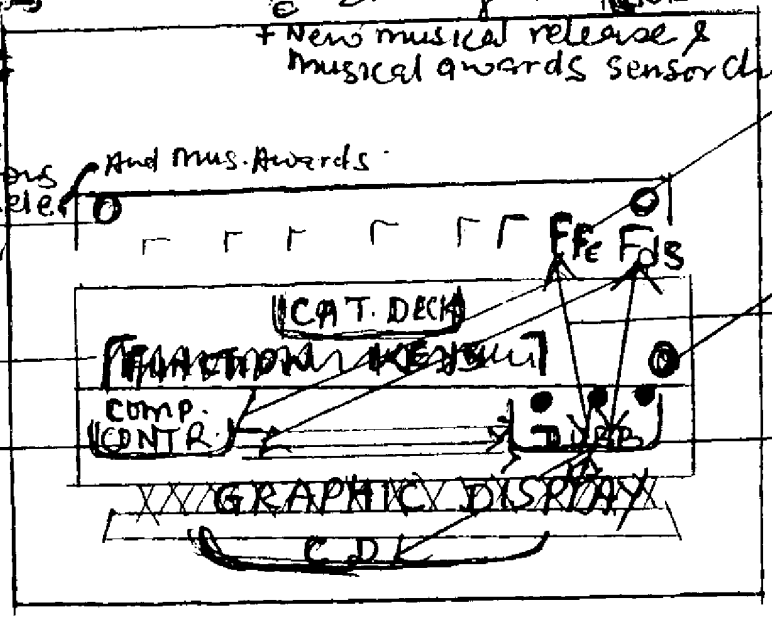
Dubbing deck Agnst Vandalism and Theft Proof

Features the CSISX and SIS models + the ACESS Buttons of New mus. Releases

Radio with built-in Frequency/St. Break Sensor

Function Keys for three models

Circuit Board System Integrated Super Sensor Chip (CSISX)



High freque commercial sensor

Hi/L speed Erasing

frequency detector/sets

Detects Commercial/Ad or STAT. BREAK

Patent Application For
REGISTERED TRADEMARK
UNDER THE NAME
: INTEGRATED CAR DUBBLING SYSTEM™
WITH <2> THESE FEATURES

ASTRAY

◇ Commercial/Station BREAK/DISTORTION FREE DETECTOR/SENSOR

◇ NEW MUSICAL RELEASE SENSOR/DETECTOR

> MUSICAL AWARD SENSOR/DETECTOR

> AIN-ACCESS INTERNET

> AINUF-ACCESS INTERNET USER'S FREQUENCY®

> MICRO CAMERA EYE Photo printout

Providing World-Wide Services

Cup holders

WORLD-WIDE WEB = WWW

Surfing, E-mail, Voice mail, Fax CAPABILITY

PATENT: Car Dubbing System

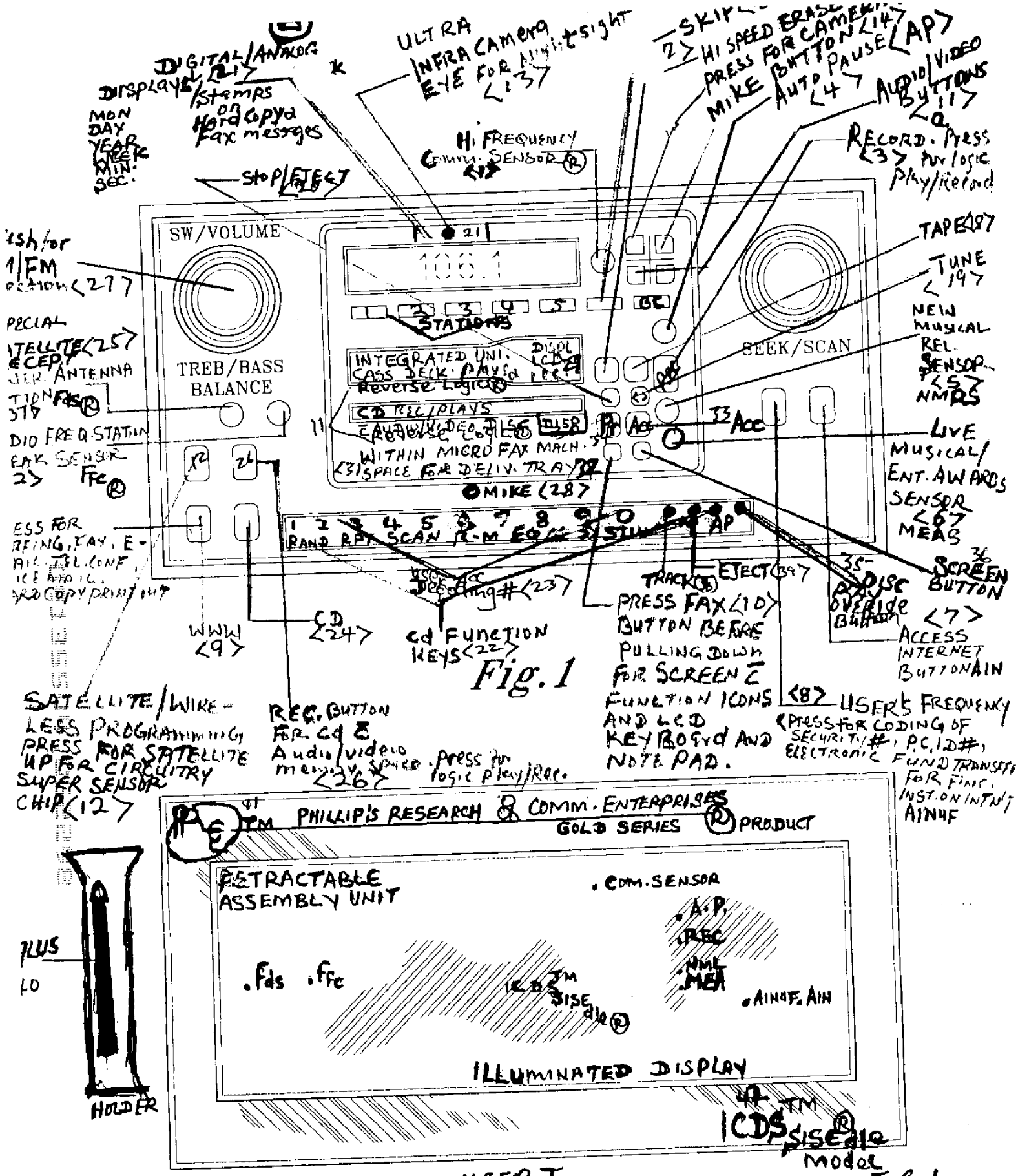


Fig. 1

INSERT PAGE 5-d DIAGRAM 2 OF FIG. 1

NOTE: FIG. 1 ABOVE ENCOMPASSES UTILITY EXPLAINATIONS NUMBERED STRUCTURAL COMPONENTS

Fig. 5

UTILITY PATENT DIAGRAM/ILLUSTRATION OF THE
ALLOWED DESIGN PATENT – STRUCTURAL EXPLANATION

UNITARY CASSETTE – CD ROM DECKS
WITH RESERVE LOGIC® SOFTWARE
EACH DECK HAS THE RECORD|PLAYBACK
CAPABILITY

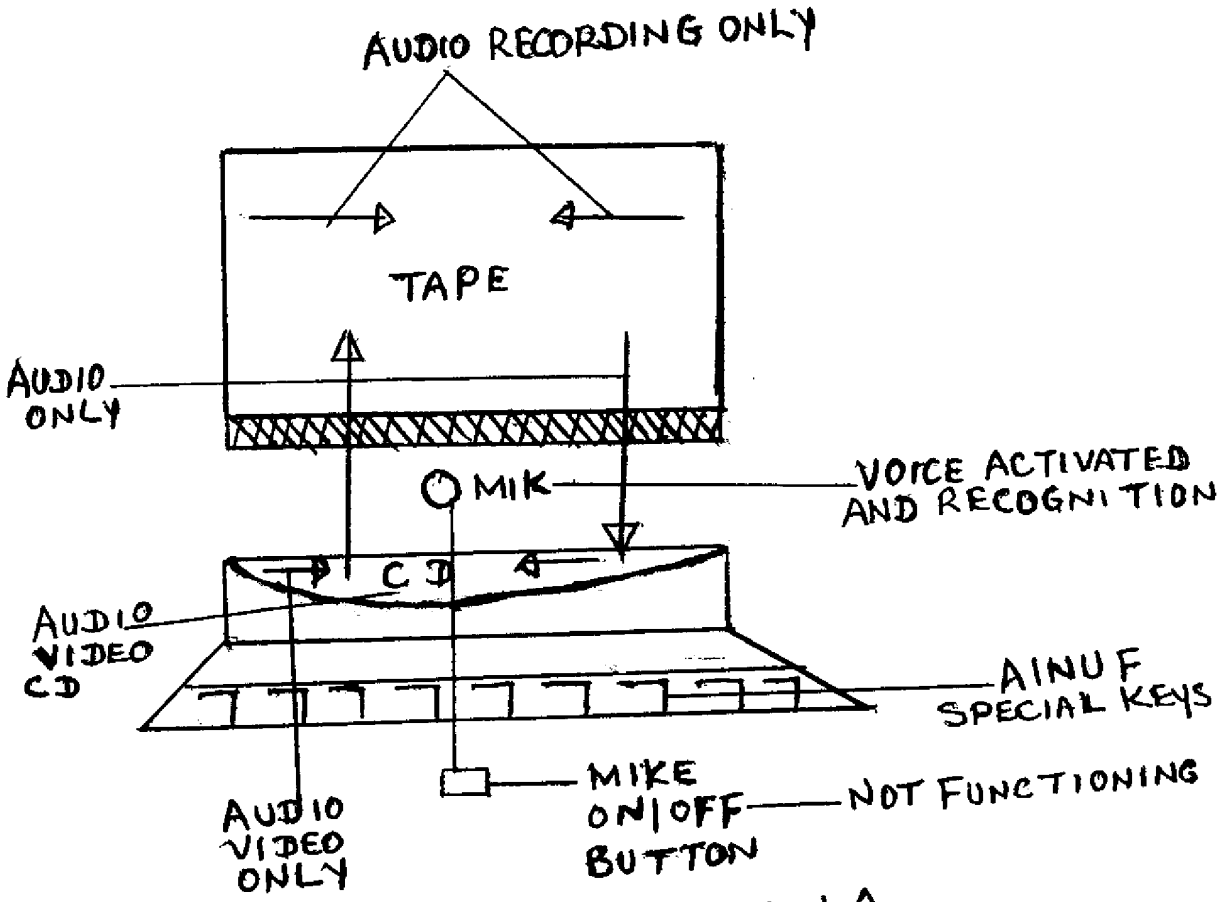


DIAGRAM 1B OF FIG. 1A

CD DISC TO CD DISC RECORDING OR TAPE TO TAPE RECORDING

CD TO TAPE RECORDING LOGIC TAPE TO CD

UTILITY STRUCTURAL DIAGRAM/ILLUSTRATION

COMPUTER CONTROL COMMAND
WITH
COMMERCIAL FREE - DISTORTION FREE
DUBBING

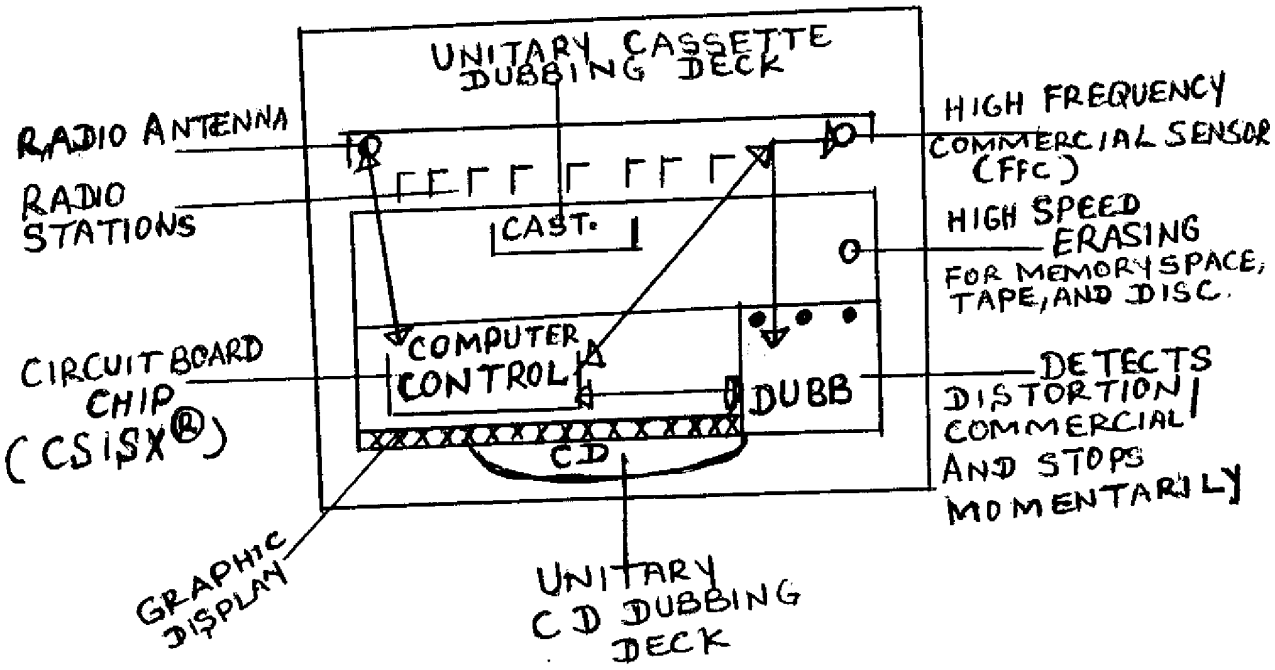


DIAGRAM 3 OF FIG. 1A

UTILITY STRUCTURAL DIAGRAM/ILLUSTRATION

UNIT'S FRAME SHOWING PRODUCT AND COMPANY OR MANUFACTURER'S LOGO

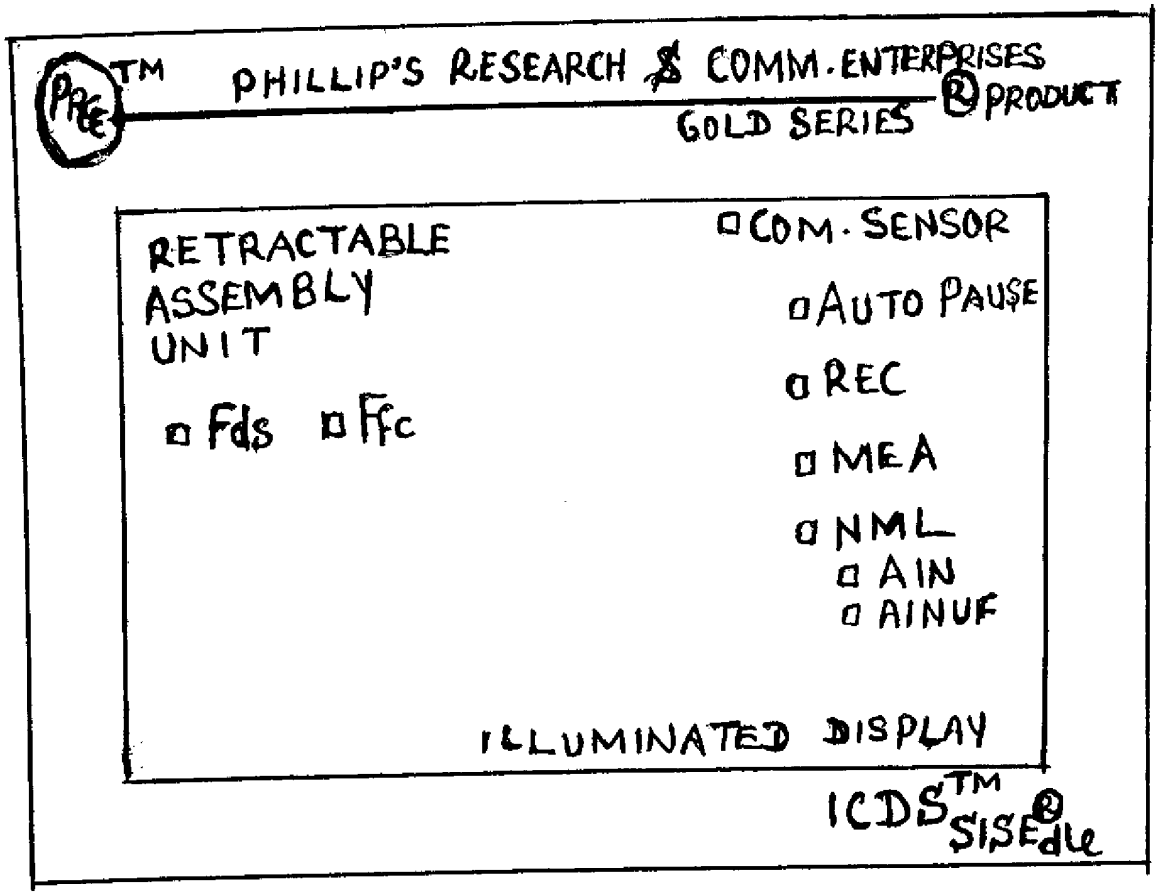


FIG. 5A

utility & Structural Diagram/Illustration

of Technical and Software Technology

needed to Manufacture

the Integrated Car Dubbing System

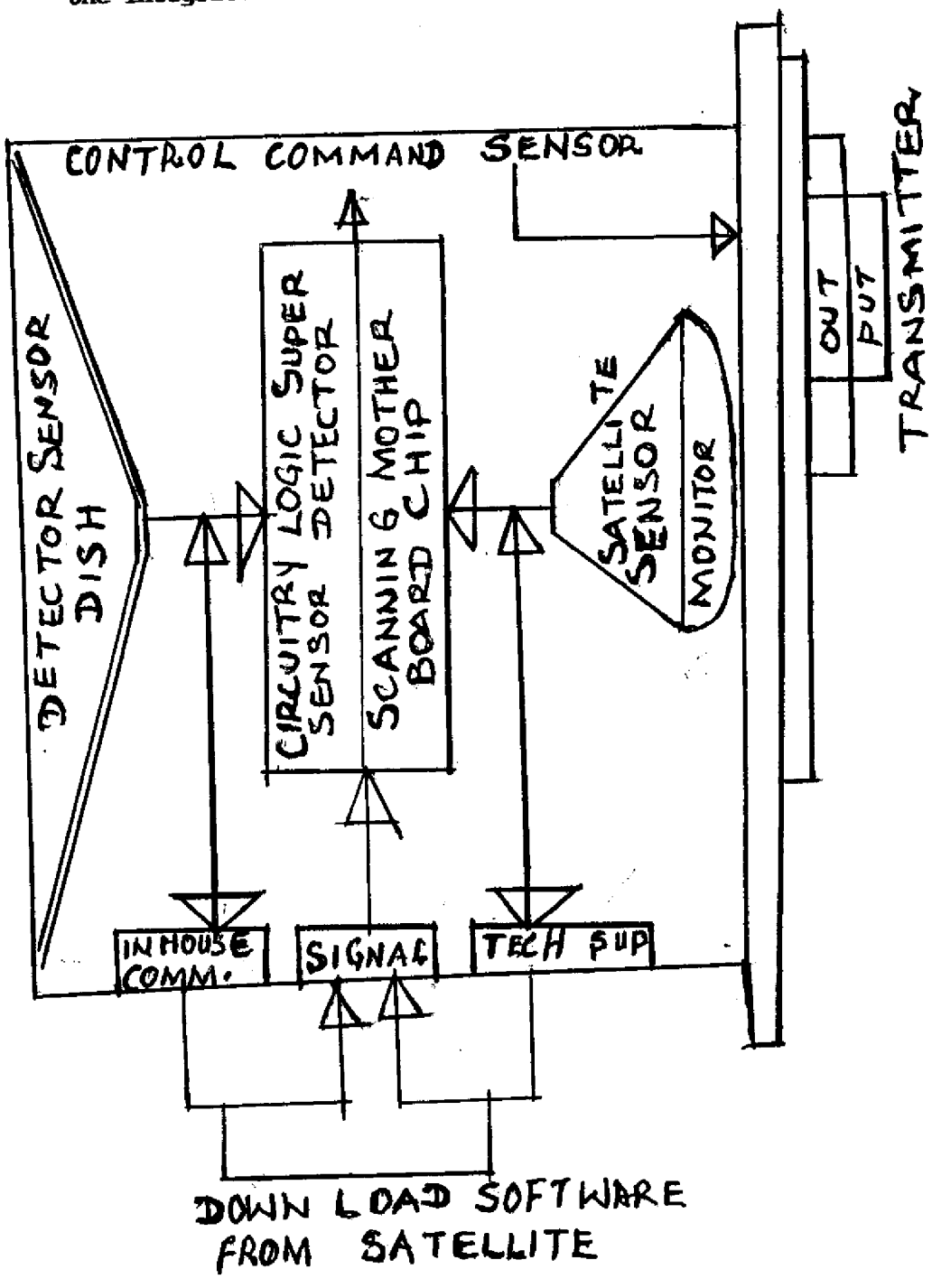
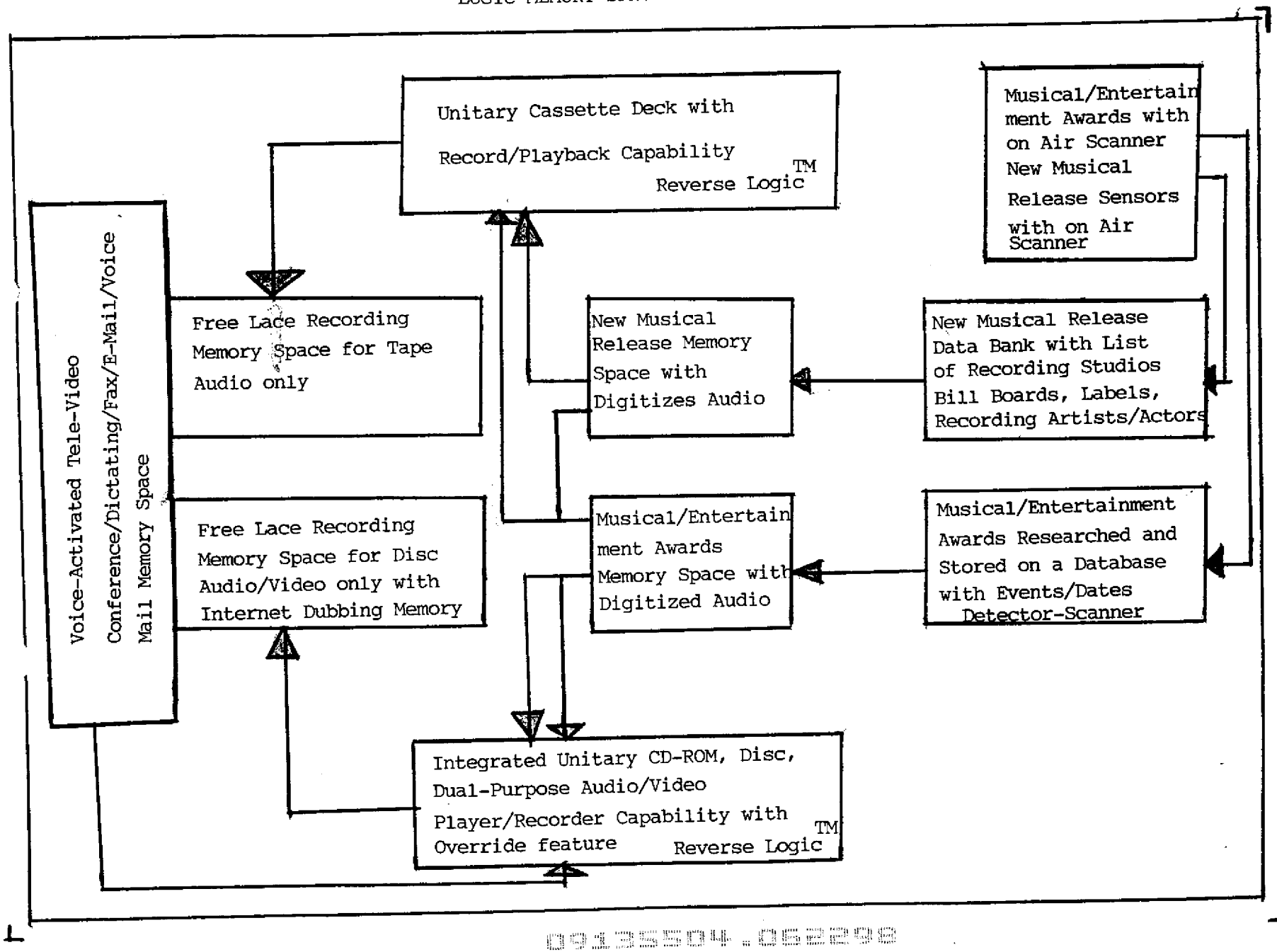


DIAGRAM 4 OF FIG. 1A

LOGIC MEMORY SPACES

DIAGRAM 6 of FIG. 1A



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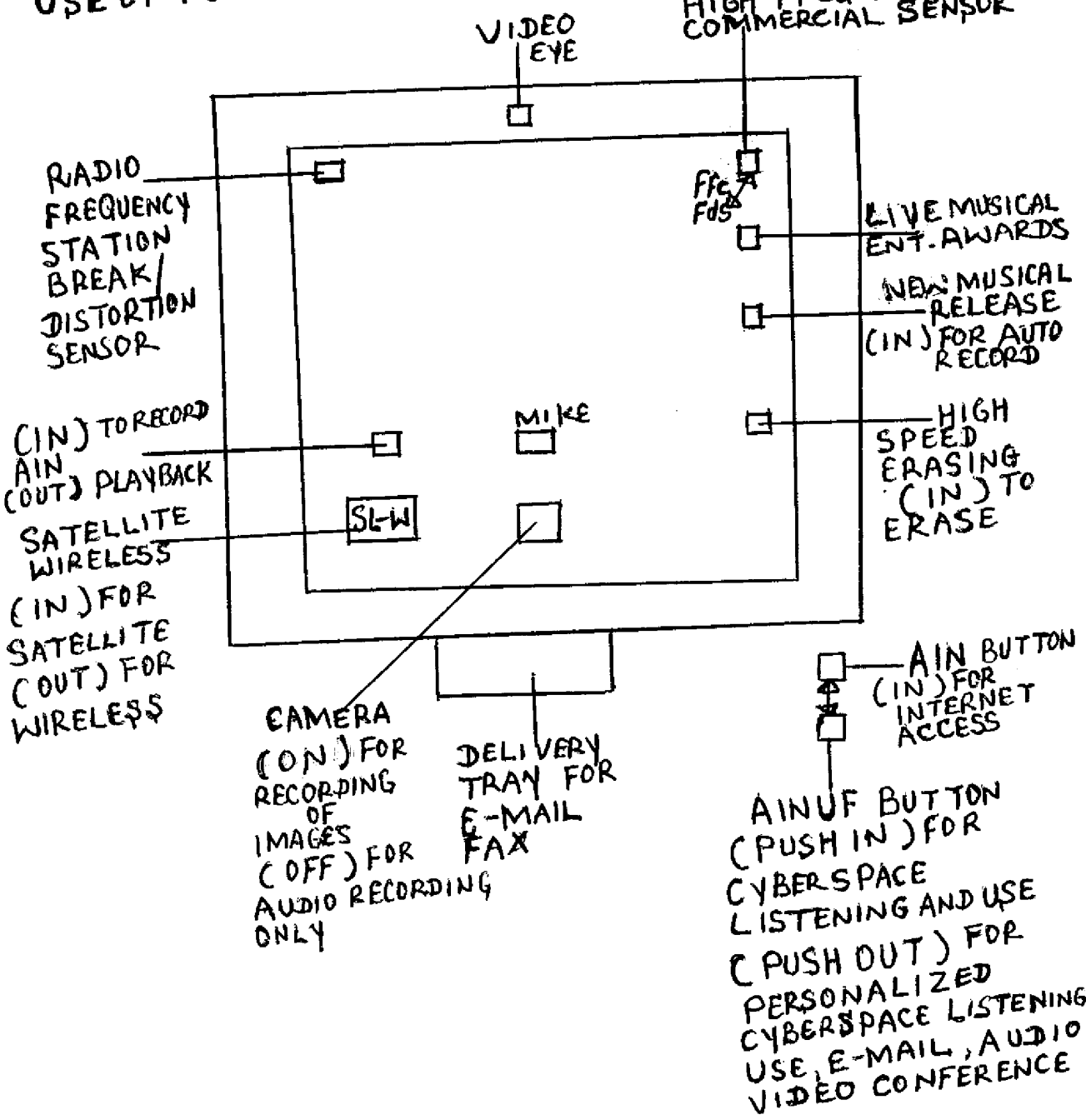
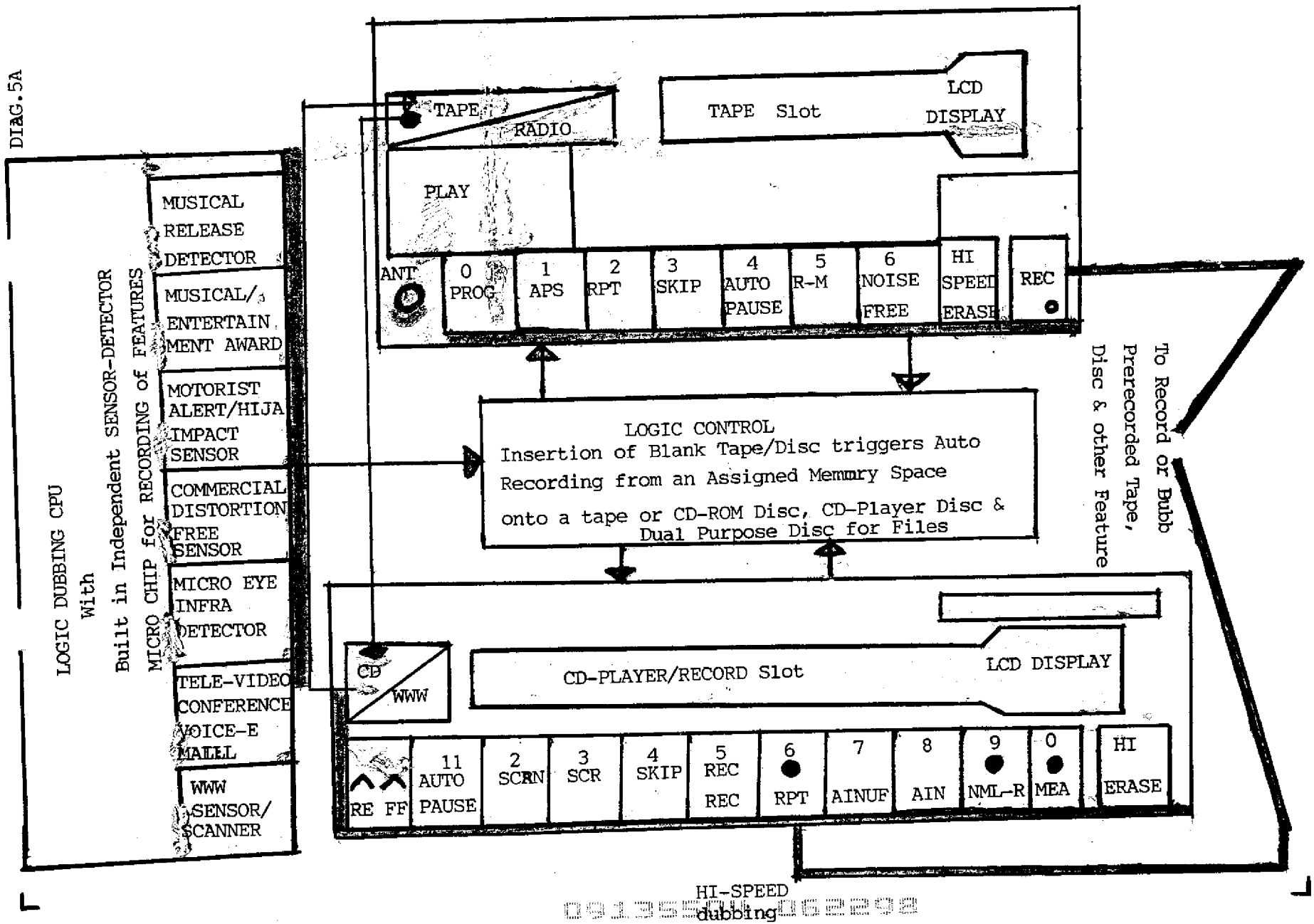
USE OF FUNCTIONAL PARTS OF THE ICDS-SISER IM dle



DIAGRAMS OF FIG-1

TM
FUNCTION KEYS AND REVERSE LOGIC COMMANDS

DIAG.7 of FIG.1A



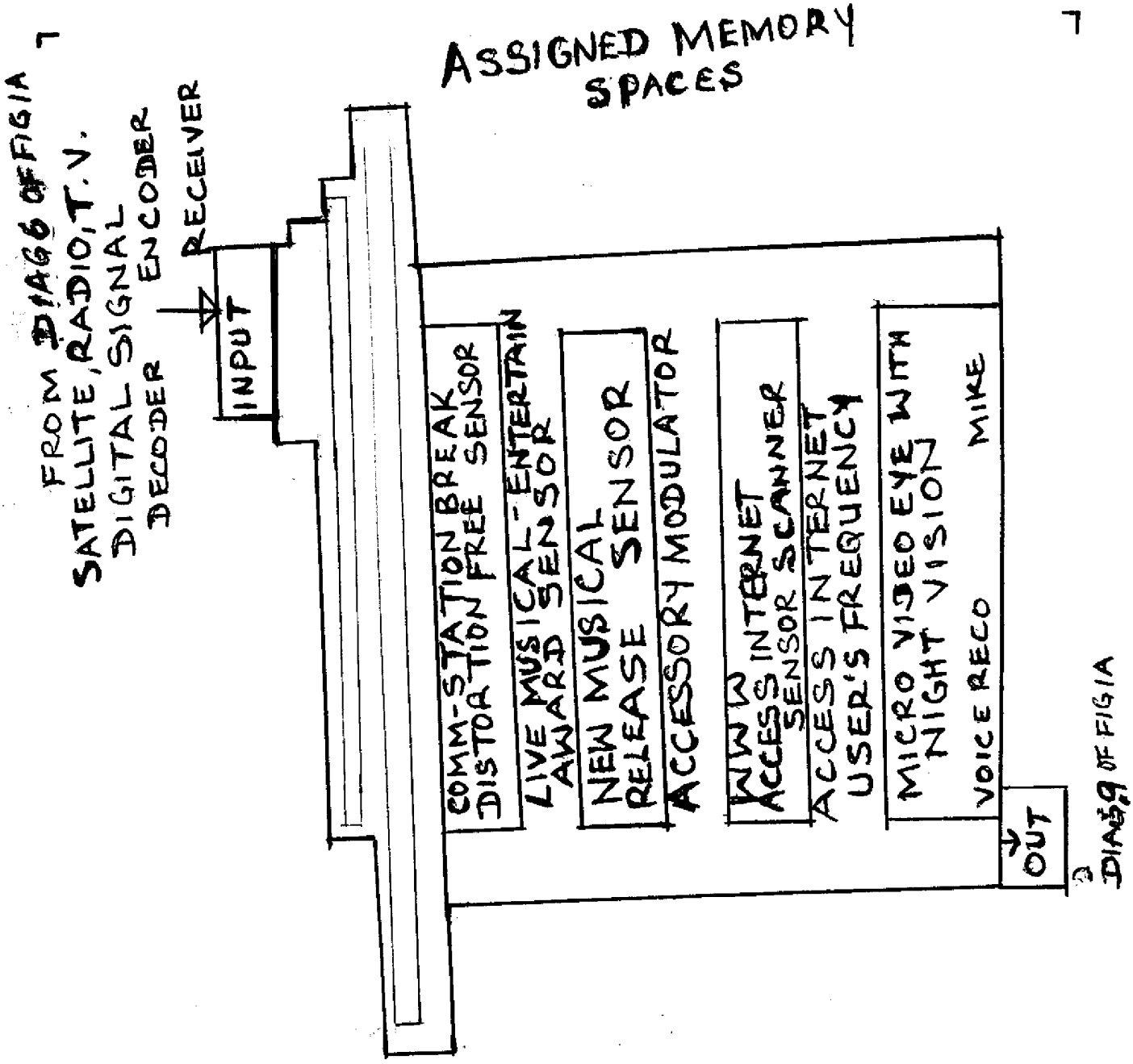


DIAGRAM 8 of FIG. 1A

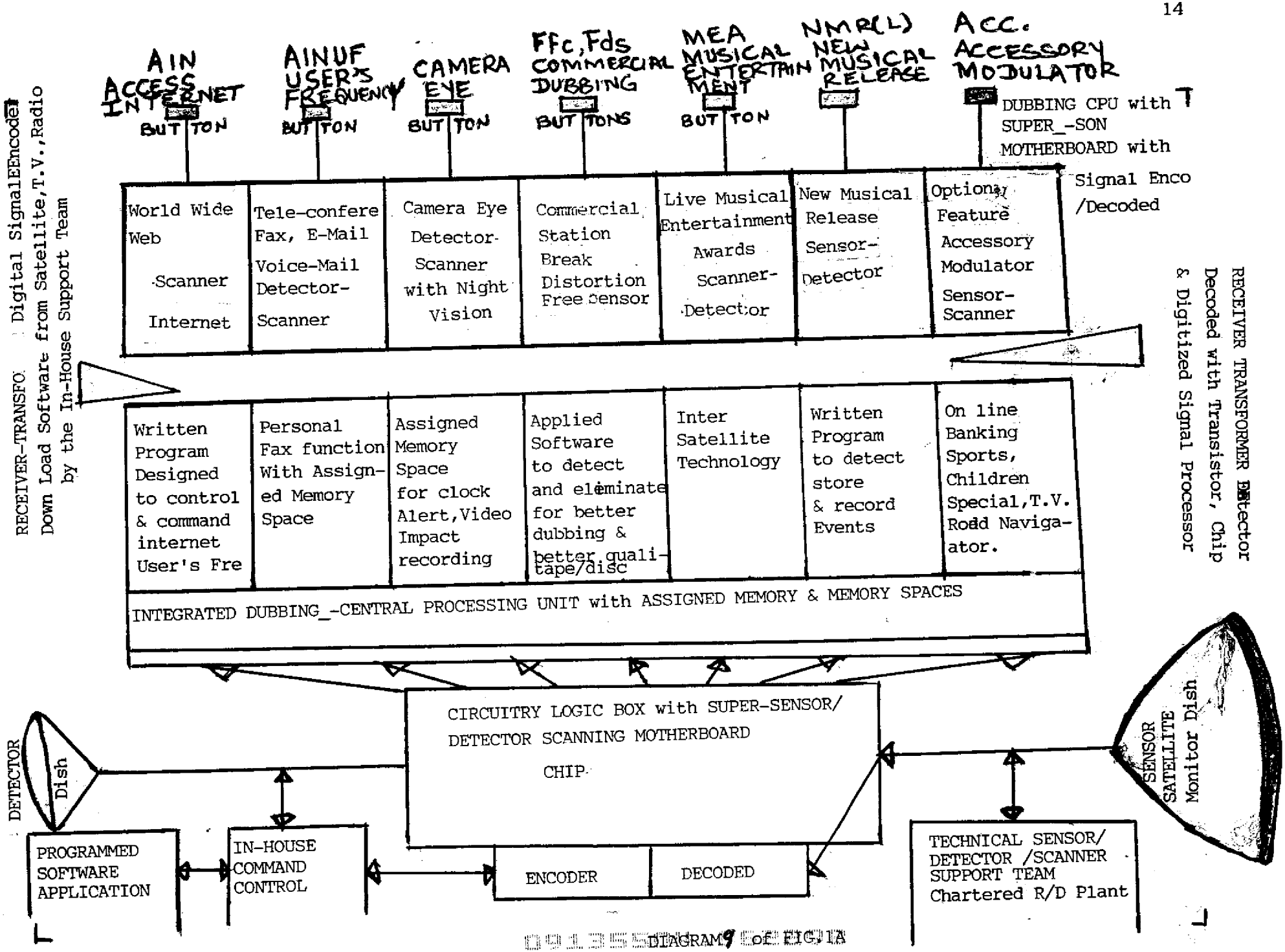
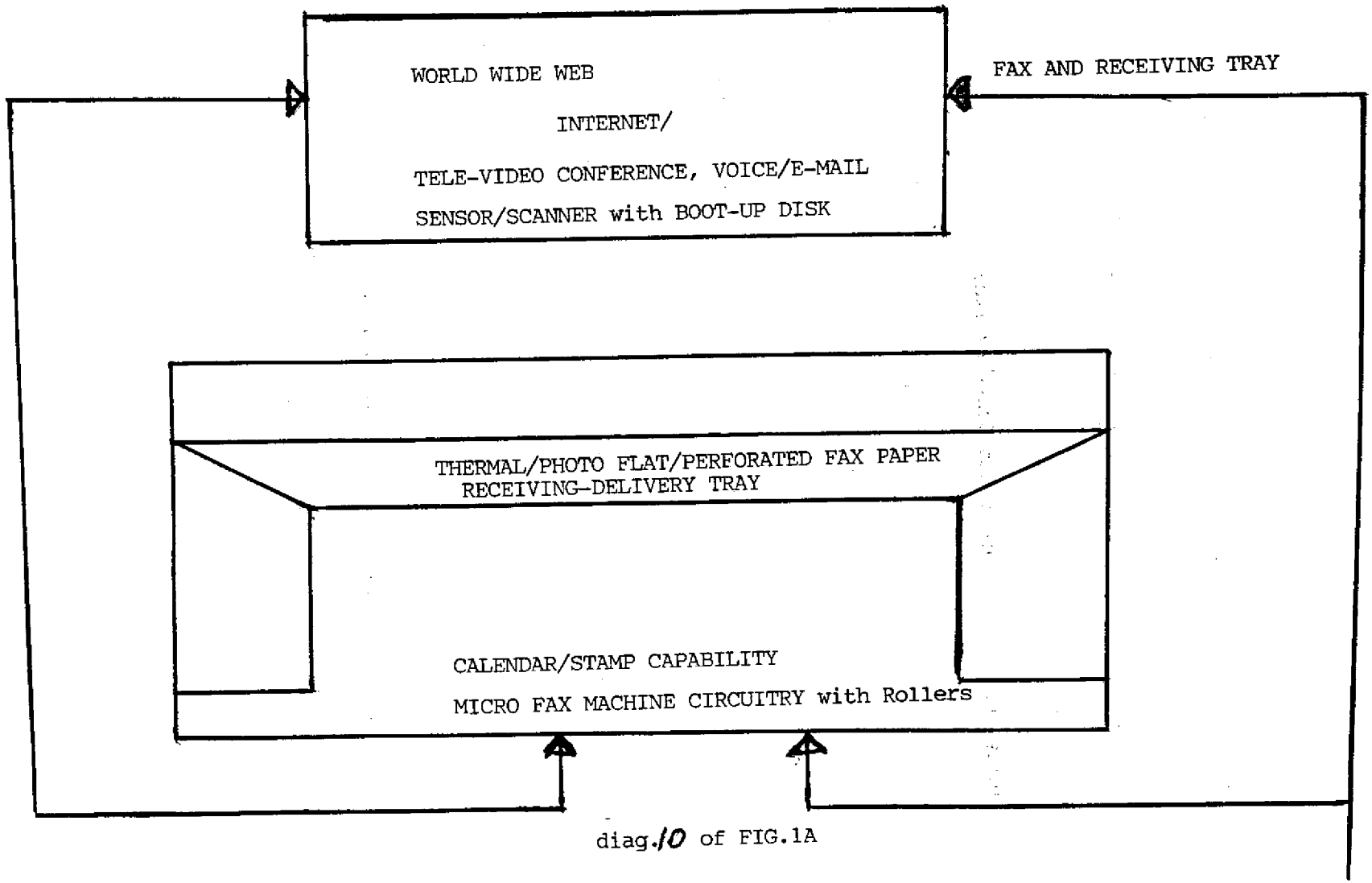


DIAGRAM 9 of FIG 1A

INTERNET-FAX FUNCTIONS



diag.10 of FIG.1A

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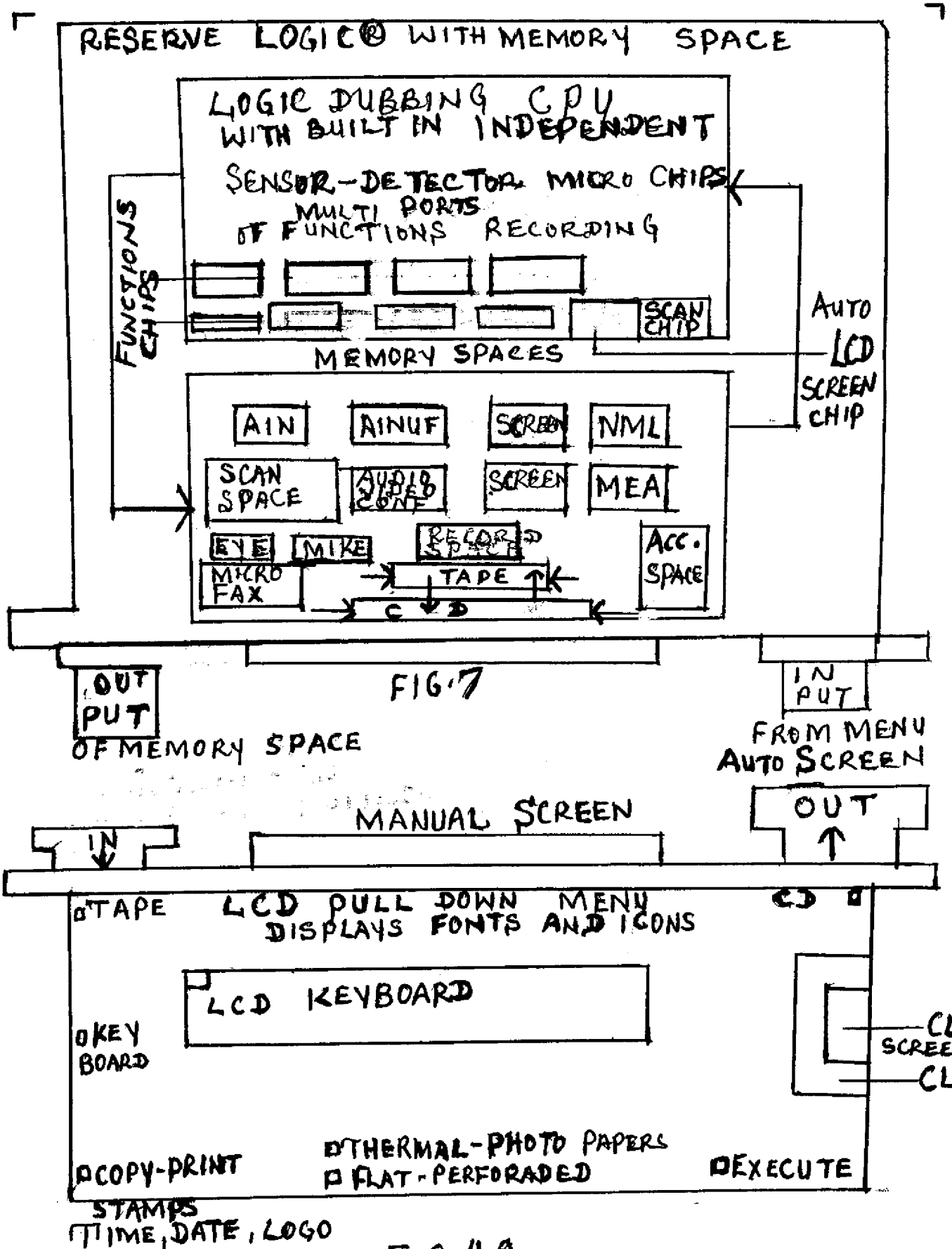

RESERVE LOGIC® WITH MEMORY SPACE
LOGIC DUBBING CPU WITH BUILT IN INDEPENDENT
SENSOR-DETECTOR MICRO CHIPS
MULTI PORTS OF FUNCTIONS RECORDING
FUNCTIONS CHIPS
SCAN CHIP
AUTO LCD SCREEN CHIP
MEMORY SPACES
AIN
AINUF
SCREEN
NML
SCAN SPACE
AUDIO VIDEO CONT
SCREEN
MEA
EYE
MIKE
RECORD SPACE
MICRO FAX
TAPE
ACC. SPACE
OUT PUT
OF MEMORY SPACE
IN PUT
FROM MENU AUTO SCREEN
MANUAL SCREEN
IN
OUT
TAPE
LCD PULL DOWN MENU DISPLAYS FONTS AND ICONS
LCD KEYBOARD
KEY BOARD
CLOSES SCREEN
CLEARS
COPY-PRINT
THERMAL-PHOTO PAPERS
FLAT-PERFORADED
EXECUTE
STAMPS
TIME, DATE, LOGO

FIG. 7

FIG. 4A

LCD SCREEN/MONITOR SHOWING INTERNET FUNCTIONS & KEYBOARD FUNCTION KEYS

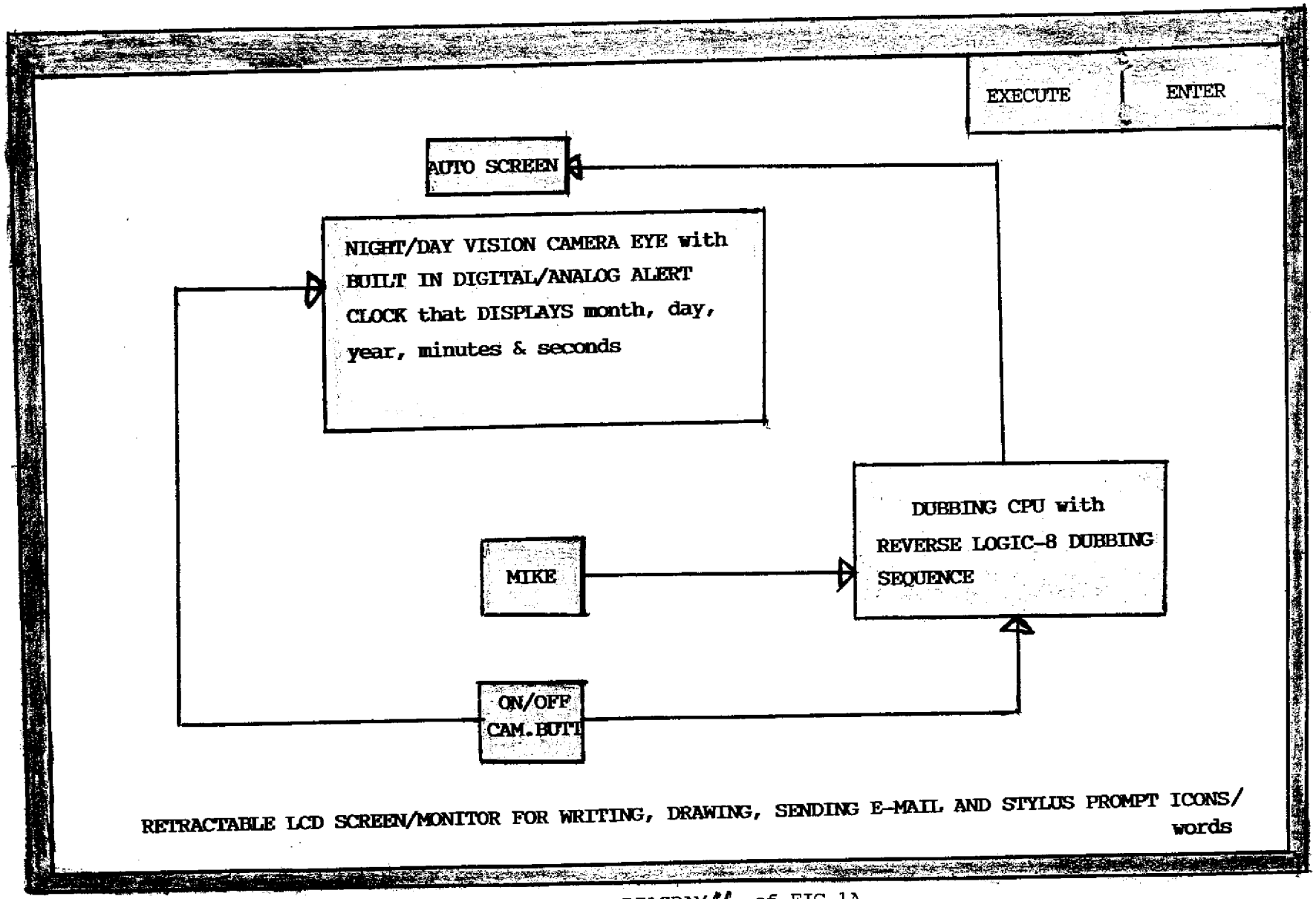
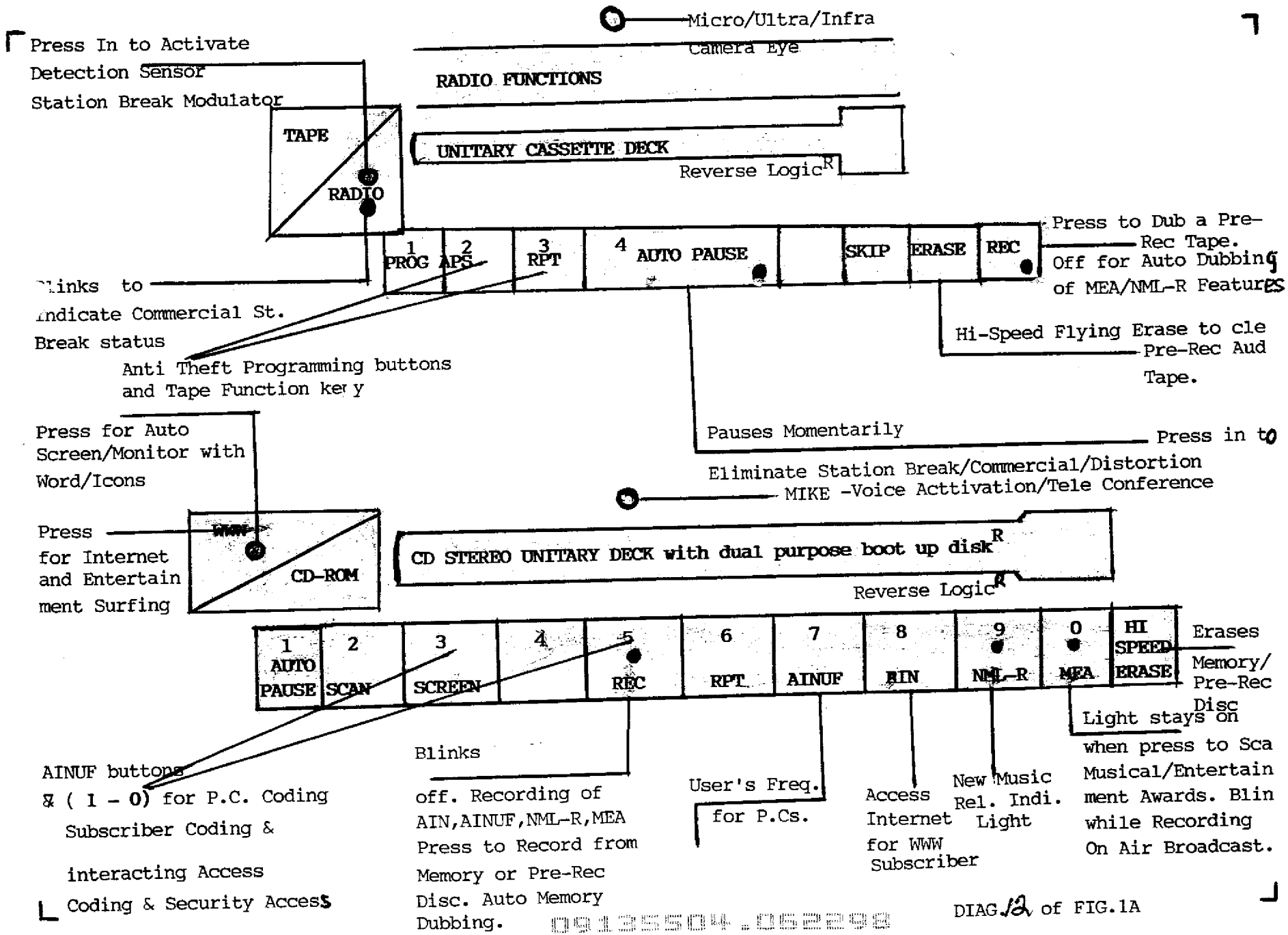


DIAGRAM // of FIG.1A



0913550 4 .052298

DIAG. 12 of FIG.1A

RETRACTABLE ASSEMBLY HOUSING

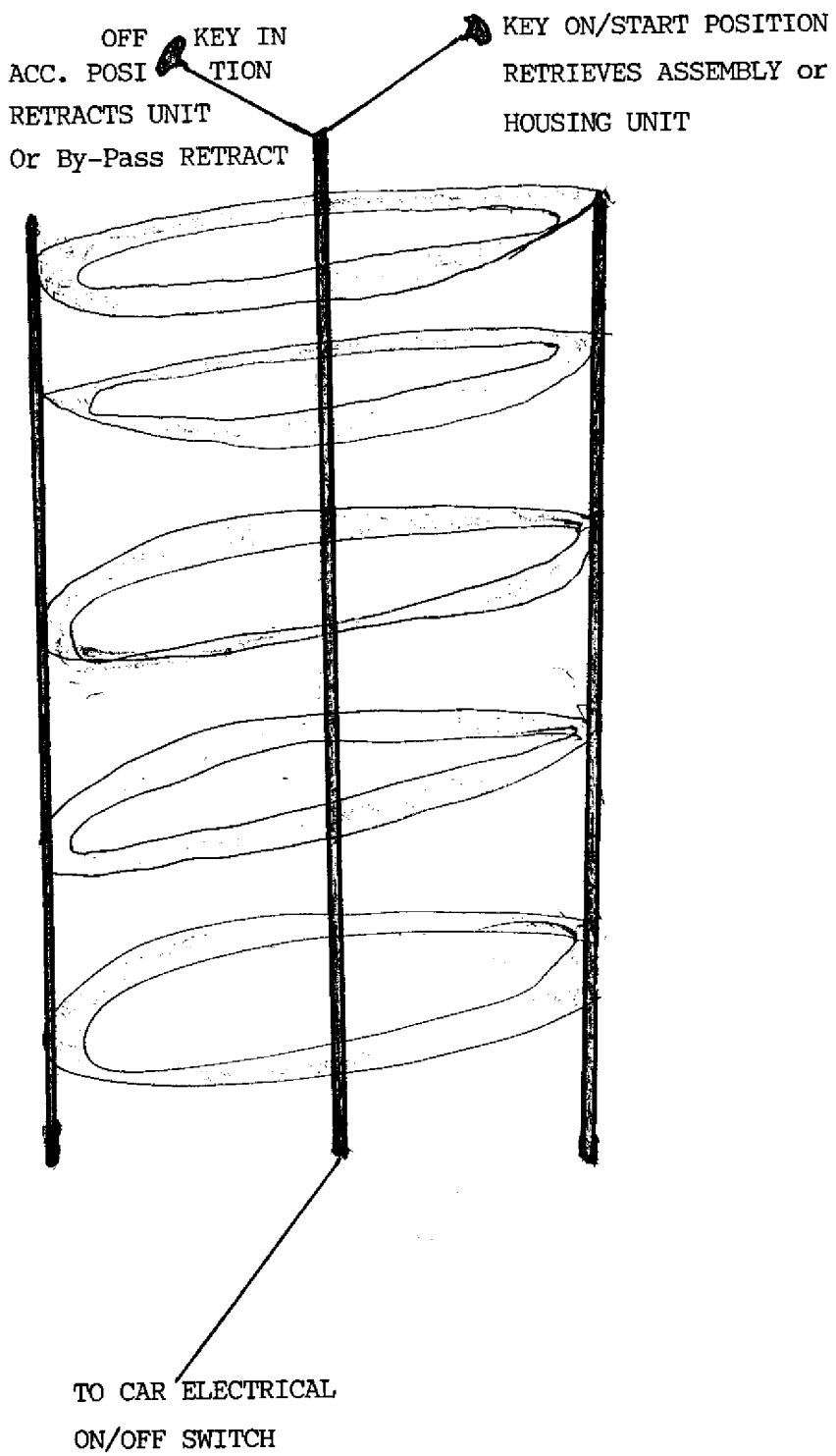


DIAGRAM 13 of FIG.1A